



CITY OF SOMERVILLE

ANNUAL REPORTS.



1882.

SOMERVILLE, MASS. :
SOMERVILLE JOURNAL PRINT.

1883.

CITY GOVERNMENT FOR 1882.

MAYOR.

JOHN A. CUMMINGS.

Residence, 16 Wallace Street ; Office, City Hall.

ALDERMEN.

WILLIAM E. WELD, *President*.

WARD ONE.

MARK F. BURNS	Perkins Street.
ELIJAH C. CLARK	Ellsworth Street.

WARD TWO.

J. FRANK WELLINGTON	Pleasant Avenue.
CALEB A. PAGE	Union Square.

WARD THREE.

J. LELAND NORCROSS	Marshall Street.
THOMAS R. ROULSTONE	Bonair Street.

WARD FOUR.

ASA DURGIN	Broadway.
WILLIAM E. WELD	Harvard Street.

COMMON COUNCIL.

ALBION A. PERRY, *President*.

WARD ONE.

LEVI F. S. DAVIS	Pearl Street.
HIRAM G. JANVRIN	Pinckney Street.
MOSES G. STEELE	Rush Street.
CHARLES E. GILES	Webster Street.

WARD TWO.

CLARENCE P. WESTON	Union Square.
MARTIN BINNEY	Dane Street.
FREDERICK M. STODDER	Grandview Avenue.
FRANK E. FITTS	Pleasant Avenue.

WARD THREE.

ALBION A. PERRY	Maple Avenue.
HENRY M. BEALS	Maple Avenue.
HIRAM D. SMITH	Cross Street.
PHILIP O. WOODBERRY	Adams Street.

WARD FOUR.

J. LORENZO ATTWOOD	Elm Street.
IRVING L. RUSSELL	Broadway.
RICHARD T. BLACKWELL	Kent Court.
SAMUEL T. RICHARDS	Summer Street.

JOINT STANDING COMMITTEES FOR 1882.

ACCOUNTS. — Aldermen Weld, Wellington ; Councilmen Janvrin, Woodberry, Attwood.

BURIAL GROUNDS. — Aldermen Durgin, Roulstone ; Councilmen Stodder, Steele, Russell.

CITY ENGINEERING. — Aldermen Durgin, Norcross ; Councilmen Steele Russell, Fitts.

CLAIMS. — His Honor the Mayor, *ex officio* ; the president of the Common Council, *ex officio* ; Alderman Burns ; Councilmen Weston, Janvrin.

FINANCE. — His Honor the Mayor, *ex officio* ; the president of the Common Council, *ex officio* ; Aldermen Burns, Weld ; Councilmen Weston, Davis, Smith, Fitts.

FUEL AND STREET LIGHTS. — Aldermen Page, Durgin ; Councilmen Giles, Woodberry, Stodder.

FIRE DEPARTMENT. — Aldermen Page, Roulstone ; Councilmen Davis, Stodder, Blackwell.

HIGHWAYS. — Aldermen Durgin, Wellington ; Councilmen Steele, Smith, Russell.

ORDINANCES. — Aldermen Burns, Norcross; Councilmen Weston, Smith, Attwood.

PUBLIC PROPERTY. — Aldermen Clark, Wellington; Councilmen Beals, Richards, Giles.

PRINTING. — Aldermen Weld, Roulstone; Councilmen Fitts, Beals, Janvrin.

SOLDIERS' RELIEF. — Aldermen Roulstone, Clark; Councilmen Stodder, Woodberry, Blackwell.

WATER. — Aldermen Norcross, Burns; the president of the Common Council; Councilmen Fitts, Richards.

STANDING COMMITTEES OF THE BOARD OF ALDERMEN.

SEWERS. — Aldermen Norcross, Burns, Weld.

ELECTIONS. — Aldermen Wellington, Durgin.

ENROLLED ORDINANCES. — Aldermen Clark, Page.

LICENSES. — Aldermen Wellington, Norcross.

POLICE. — His Honor the Mayor, *ex officio*; Aldermen Clark, Norcross.

STATE AID. — Aldermen Roulstone, Page, Weld, Clark.

STANDING COMMITTEES OF THE COMMON COUNCIL.

ELECTIONS AND RETURNS. — Councilmen Fitts, Blackwell, Steele.

ENROLLED ORDINANCES AND RESOLUTIONS. — Councilmen Davis, Stodder, Beals.

CITY CLERK AND CLERK OF BOARD OF ALDERMEN.

CHARLES E. GILMAN; Office, City Hall.

CITY TREASURER AND COLLECTOR OF TAXES.

JOHN F. COLE; Office, City Hall.

CITY MESSENGER.

JAIRUS MANN; Office, City Hall.

CITY ENGINEER.

GEORGE A. KIMBALL; Office, City Hall.

CITY SOLICITOR.

SAMUEL C. DARLING ; Office, 18 Rogers Building, Boston.

CITY PHYSICIAN.

THOMAS M. DURELL, 14 Bow Street.

CLERK OF COMMON COUNCIL.

DOUGLAS FRAZAR.

CLERK OF ASSESSORS AND COMMITTEES.

GEORGE I. VINCENT ; Office, City Hall.

CITY AUDITOR.

DOUGLAS FRAZAR ; Office, City Hall.

CHIEF OF POLICE.

MELVILLE C. PARKHURST, Police Station, Bow Street.

SUPERINTENDENT OF STREETS.

JOHN P. PRICHARD, 10 Cutter Street ; Office, City Hall.

CHIEF ENGINEER OF FIRE DEPARTMENT.

JAMES R. HOPKINS ; Office, City Hall.

ASSISTANT ENGINEER OF FIRE DEPARTMENT.

NATHANIEL C. BARKER . . . Ellsworth Street.

SUPERINTENDENT OF SCHOOLS.

JOSHUA H. DAVIS . . . Myrtle Street.

INSPECTOR OF BUILDINGS.

DAVID A. SANBORN Prospect Street.

BOARD OF HEALTH.

GEORGE A. KIMBALL, *Chairman* . . . Office, City Hall.
 THOMAS M. DURELL, M. D. . . . Bow Street.
 GEORGE C. SKILTON Walnut Street.
 GEO. I. VINCENT, *Clerk* . . . Office, City Hall.
 W. H. BRINE, *Inspector* (140 Houghton St.), Office, City Hall.

MYSTIC WATER BOARD.

EDWARD FOOTE, *President* . . . Broadway.
 EDWIN S. CONANT, *Clerk* . . . Pearl Street.
 WESLEY C. CRANE . . . Summer Street.
 A. R. COOLIDGE . . . Columbus Avenue.
 J. O. HAYDEN . . . Spring Street.

SUPERINTENDENT OF WATER WORKS.

NATHANIEL DENNETT; Office, Prospect Street, corner of Somerville Avenue.

COMMISSIONERS OF THE SINKING FUNDS.

NATHAN TUFTS. HENRY F. WOODS. JOHN A. HUGHES.
 AARON SARGENT, *Treasurer*.

TRUSTEES OF THE PUBLIC LIBRARY.

REV. H. H. BARBER, *President*. CHARLES S. LINCOLN.
 J. HENRY FLITNER, *Secretary*. THOMAS J. BUFFUM.
 W. G. TOUSEY. WILLIAM VEAZIE.
 WM. H. BRINE (Highland Ave.). C. E. RYMES.
 EDWIN S. CONANT.

LIBRARIAN.

MISS HARRIET A. ADAMS.

FENCE VIEWERS.

DAVID A. SANBORN. WARREN POLLARD. CHARLES D. ELLIOT.

POUND KEEPER.

CHARLES A. SMALL.

SEALER OF WEIGHT AND MEASURES.

NOAH HARDING, Sycamore Street.

SURVEYORS OF WOOD, BARK, AND LUMBER.

ANSEL LEWIS.

SAMUEL T. LITTLEFIELD.

SURVEYOR OF STONE WORK.

JAMES R. HOPKINS.

SURVEYOR OF STONE, BRICK, AND PLASTER WORK.

ALFRED M. SIBLEY.

SURVEYOR OF MECHANICS' WORK.

CHARLES D. ELLIOT.

PUBLIC WEIGHERS.

D. W. DANFORTH.

PATRICK O'BRIEN.

JOHN C. COUSINS.

UNDERTAKERS.

HORACE B. RUNEY.

A. L. SANBORN.

PATRICK RAFFERTY.

WILLIAM A. FLAHERTY.

P. H. RAFFERTY.

H. D. RUNEY.

MARSH & CO.

POLICE DEPARTMENT.

M. C. PARKHURST, *Chief.*

R. R. Perry, *Captain.*

S. R. Dow, *Sergeant.*

C. C. Folsom, *Sergeant.*

N. F. Caswell.

P. W. Skinner.

C. C. Cavanagh.

S. A. Brown.

S. C. Rollins.

John Hafford.

John E. Fuller.

Ivan Leighton.

Howard Lowell.

M. H. Kinsley.

F. W. Slade.

I. S. Campbell.

A. L. Staples.

Edward McGarr.

Albert Fisk.

J. B. Young.

J. W. Oliver.

G. A. Bodge.

George W. Bean.

Dennis Kelly.

M. C. Parkhurst, *Lock-up Keeper.*

MAYOR'S INAUGURAL ADDRESS.

INAUGURAL ADDRESS OF
HON. JOHN A. CUMMINGS,

DELIVERED JAN. 2, 1882.

GENTLEMEN OF THE CITY COUNCIL: —

WE have this day, in accordance with the popular will of the citizens of Somerville, assumed the responsibility of managing its business affairs for the ensuing year. Let us so discharge our duties as to merit the approval of our own consciences and the confidence of those who have placed their interests in our hands.

Economy and care in the expenditure of the money of our tax-payers should be our constant aim, and for your guidance in this duty I invite your attention to the following

FINANCIAL STATEMENT

which has been furnished me by the city treasurer, and is as nearly accurate as can be given at this date.

The funded debt of the city is as follows: —

City debt	\$1,250,000 00
Water debt	335,000 00
Total	\$1,585,000 00
Less sinking funds	312,263 59
Net funded debt	\$1,272,736 41

From this liability may be deducted about \$8,900, saved from the appropriations of the past year; leaving the net indebtedness of the city \$1,263,836.41 at this date.

The debt of the city one year ago was as follows : —

Funded debt	\$1,585,000 00
Excess of unfunded liabilities over available assets . .	26,603 94
<hr/>	
A total of	\$1,611,603 94
Less the amount of sinking funds, as per report of Commissioners	253,764 95
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Leaving the net debt, Dec. 31, 1880	\$1,357,838 99

This indebtedness has been reduced during the past year by the following amounts : —

Increase in sinking funds by contribution and interest .	\$58,498 64
Deficiency of 1880, paid	26,603 94
Saved from appropriations this year, about	8,900 00
<hr/>	
Total reduction	\$94,002 58

The unfunded liabilities are \$190,000, and the uncollected taxes, assessments, and accounts due the city will fully cover this amount. The total valuation of the public property of the city, including \$341,000 for water works, is \$1,155,000.

The assessors' valuation of the taxable property in the city in 1881 was \$22,569,100, an increase of a little more than \$2,000,000 over that of 1880. A considerable portion of this increase came from the addition of taxable property to the assessors' list, and not from an increase in valuation.

The total sum raised by taxation in 1881 was \$452,945.45.

In the appropriations of last year extraordinary expenditures were provided for as follows : —

For Highland School	\$18,000
For removal of Lincoln School	3,000
For deficiency of 1880	26,600
<hr/>	
Total	\$47,600

If to this be added the surplus of appropriations over expenditures in 1881, \$8,900, we have the amount of \$56,500 raised by taxation last year which will not be required this year. By economical management in all the departments we can reduce the

appropriations for the present year nearly if not quite \$50,000 below that of last year, and still provide fifteen to twenty thousand dollars for additional school accommodations in Ward One, if necessary.

SCHOOLS.

Our schools maintain their high rank, under an efficient and faithful committee, which endeavors, not only to secure good schools, but to secure them at reasonable cost. We have eighty-two schools and ninety-six teachers. The total number of pupils connected with the schools is 4,315, divided as follows:—

In the High School	248
In the grammar schools	2,148
In the primary schools	1,919
	<hr/>
	4,315

The new eight-room, brick school-house, at the corner of Highland Avenue and Grove Street, has been completed during the year, and affords accommodations which were greatly needed in that vicinity. Its total cost, including \$4,186.80 paid for the lot on which it stands, the furniture, heating apparatus, grading round the building, and all incidental expenses connected with its construction, has been \$32,649.34.

The Lincoln School-house has been removed from its former location on Elm Street to a site on Broadway, near the summit of Clarendon Hill, and thoroughly refitted, at a total expense, including cost of land, of \$3,897.52.

All sections of the city are now reasonably well supplied with school-room accommodations, with the exception, perhaps, of the East Somerville district. It is probable that the School Board will request the enlargement of the Edgerly School-house, on Cross Street, during the present year, by the addition of four more school-rooms.

PUBLIC LIBRARY.

Additional accommodations for the convenience of the public and the storage of books are needed in our library.

It may be some years before our city will be in condition to provide a suitable building for this institution. Until that time, and

for immediate relief, I would renew the recommendation of last year, that an extension be made to the east end of the City Hall building, one story in height.

The total number of books belonging to the library is 9,035. Of this number 684 were added during the past year.

During the year 66,918 books were taken from the library and 731 used for reference. In the nine years since it was established over ten thousand different persons have availed themselves of its privileges. It is invaluable to our city as a medium of education for the young and a source of intelligence and enjoyment for all classes.

HIGHWAYS.

During the year the Somerville Horse Railroad has made an improvement by the transfer of its tracks in Elm Street from the side to the middle of the same, and their continuance through Holland Street to Broadway. Locations through several of our streets have been granted to the Charles River Street Railway Company during the year, and tracks have been laid in Summer Street, Union Square, Webster Avenue, Springfield, Newton, and Beacon Streets. This company proposes giving our citizens better facilities for reaching Cambridge, and, eventually, a more direct route to the South End of Boston.

Middlesex Avenue has been put in thorough repair during the year, at considerable expense, and, after an examination by the county commissioners, has been accepted by them as a county way. A considerable expenditure has also been made on Mystic Avenue, in filling the ditches upon the southerly side of the same and raising the grade. Our streets are mostly in good repair and well cared for. Somerville Avenue is perhaps most in need of repairs. I would suggest more attention to the cleanliness of the streets in certain quarters as important to the health of the public, and the general appearance of neatness desirable for both residents and travellers.

The policy of promptly repairing slight defects, which has been pursued for the past few years, is a wise one, and should be continued. It saves the entire rebuilding inevitable in the case of a

long-neglected street, and illustrates the saying that "a stitch in time saves nine."

SEWERS.

In the year past one and seven tenths miles of new sewers have been laid, and one hundred and ninety-one feet relaid. The demand for expenditures in this department exceeded the appropriation in 1881, and left several petitions to be referred to this government. Wherever running water is introduced thorough drainage soon becomes a necessity. The reduction of the death rate in certain sections of our city upon the introduction of sewers has been striking, in some instances showing a diminution of nearly one half.

The sewage deposit at Craigie Bridge has been removed during the past season, in conjunction with Cambridge, at an expense to our city of \$972.70.

Under an act passed by the last Legislature, the government and council were authorized and requested to report plans and estimates to the Legislature of the present year for the drainage of the valleys of the Charles and Mystic Rivers, and recommendations as to methods for apportioning the expense of the same. It is not in my judgment advisable to advocate the construction of a metropolitan system of sewage now, but I would recommend that we favor the adoption of a general plan by the Legislature, so that we may conform our local system, so far as possible, to the general one, and save ourselves expensive alterations in the future.

FIRE DEPARTMENT.

The force and apparatus in this department is the same as last year, and consists of seventy-one men, one steam fire-engine and tender, four horse hose carriages, and one hook and ladder truck.

The chief engineer suggests such alterations of the horse hose carriages as will enable each to carry two ladders, and I commend the idea to your consideration.

The total loss by fire during the past year was \$14,064.50, and the amount of insurance paid on the same \$9,754.50. Number of alarms, thirty-three.

The fire-alarm telegraph has worked satisfactorily, in no instance failing to indicate the location of a fire.

HEALTH.

Our city has been comparatively free from dangerous diseases during the year just closed, the principal work of the Board of Health having been confined to the abatement of nuisances, the examination of houses where dangerous diseases have occurred, and in one instance an examination from house to house of a district where typhoid fever was epidemic. Occasionally some of our citizens complain of the investigations of this board, especially landlords whose tenements are not in proper condition. Many of our houses have been constructed with defective plumbing and improper drainage, and though the modern fixtures now placed in nearly every residence are a great convenience, they are, also, if unskilfully applied, a source of great danger to life and health. Wherever there is the slightest suspicion on the part of a householder of defective drainage in his dwelling, the services of this board for its detection should immediately be invoked, instead of being avoided. The exact trouble is often difficult to detect, and the services of an experienced person desirable. Do not wait until sickness and perhaps death take place in your house before making sure that it is properly guarded against noxious gases from sewer or cesspool.

The nuisances existing in the valleys of Alewife Brook and Mystic River have been considerably modified during the past year by the large rainfall. An effort is being made by Boston to divert the sewage from the lower Mystic Lake by means of filters and basins, from which the solid matter is to be collected and utilized.

A plan for the removal of the sewage of Cambridge from Alewife Brook, devised by the engineers of that city and our own, and providing for its passage through our main trunk sewer, from West Somerville to Craigie Bridge, was authorized by an act of the Legislature, after being agreed upon by special committees from each city government, but was finally rejected by vote of our Common Council. Though not entirely satisfied with some of the provisions of the act passed by the Legislature, I am strongly of the opinion that its rejection was a mistake. Some action ought to be

taken to guard the safety and comfort of our citizens in that vicinity without waiting until another dry season shall render the vicinity uninhabitable.

SUITS AT LAW.

During the year past the suit of the city of Somerville, in equity, *v. North*, has been adjusted.

Seven petitions of Wm. S. Stearns and others, to the county commissioners, for abatement of taxes for the year 1875, have been dismissed.

The two cases of Clark Bennett against the city, for revision of Public Park and Chauncey Avenue betterment assessments, were tried in June last, and resulted in a reduction of the assessments. The disposal of these cases leaves the city docket free from all suits on account of betterment assessments.

The suit of the Cambridge Gas Light Company for loss of gas and damage to pipe during the construction of the sewer in Elm Street, that of Sargent *v. Boynton* to recover taxes for the year 1878, and two suits, one by Roach and the other by Rouse, for personal injuries received on our streets, have all been decided in favor of the city during the past year.

The following suits, in which the city is a party, are now pending:—

That of Parker (trustee of the Klous estate), to prohibit the continuance of an alleged nuisance growing out of the construction of the Canal Street sewer. There is also a petition for land damages by the same party, and for the same cause, pending before the county commissioners.

Sanborn *v. Somerville*, for grade damages on Washington Street, near Fitchburg Railroad.

Squire *v. Somerville*, to recover for expense of construction of box sewer.

William Sullivan *v. Somerville*, for use and benefit of Daniel F. and Mary Ann McCarty, upon an assignment by Sullivan to them of certain moneys due Sullivan on contract for construction of the Elm Street sewer.

Cunningham v. Somerville, for personal injuries received on Washington Street, at foot of Boston Street.

The city is to be congratulated upon its comparative freedom from litigation.

WATER CONTRACT.

No effort has been made during the past year to secure a modification of our contract with Boston for our water supply. It would be well to appoint a special committee to investigate and report what action should be taken, if any, towards securing more favorable terms to our city.

POOR DEPARTMENT.

Fourteen thousand dollars were appropriated for this department last year, and carefully and faithfully expended by the Board of Overseers of the Poor. Aid to 445 persons belonging to the city, averaging \$13.11 to each person, has been given. To 145 persons belonging to other cities and towns assistance to the amount of \$8.06 to each person has been rendered. For the support of forty-four persons in State and other institutions the sum of \$3,753.46 has been paid.

IN GENERAL.

About \$900 has been expended by the Committee on Soldiers' Relief in the past year, assistance having been extended to forty-seven soldiers and their dependents.

Our Police Department is in good condition, both officers and men performing all duties required of them promptly and efficiently.

Our people having decided, by their votes at the recent election, that no licenses for the sale of intoxicating liquors shall be granted the present year, a question which has often been a source of annoyance and vexation is removed from our consideration. While my own views upon the subject of license and prohibition differ from those of the majority of our citizens, as recently expressed, I shall earnestly endeavor, with all the authority and influence at my command, to have the law as it now stands faithfully enforced.

In every section of our city there are evidences of that renewed

prosperity which prevails throughout the land. Over sixty new dwelling-houses, most of them of an excellent class, were erected in Somerville in 1881, and work has already been commenced upon nearly half as many more, to be completed in the present year. An unusually large number of improvements and additions upon buildings already existing have also been made.

The advantages of our city as a place of residence are many. It is one of the most healthful in the country. It is located within easy reach of the metropolis of New England, with numerous lines of communication by steam and horse railroads. With good schools, well-kept streets, efficient fire and police departments, numerous churches and benevolent and social organizations, and, more than all, an intelligent and prosperous population, we ought to attract to our limits a rapid increase from the best class of citizens. A wise and economical management of our municipal affairs will contribute more than any other one thing to this result. For the past few years we have been steadily progressing in the direction of economy and a reduction of our indebtedness. We must persistently continue in this direction until our rate of taxation is reduced to, at least, that of the average of other towns and cities.

And here let me impress it upon you, members of the City Council, that with the several committees and boards in charge of the expenditures in the different departments rests the financial results of the year. Let each committee and board feel that the sum appropriated for the support of their department is the deliberate judgment of a majority of the City Council upon what is necessary for the best interests of the whole city, and abide by that judgment. No matter how strongly you may feel that more money could be spent to advantage in your special department, keep within your appropriation, and leave the responsibility with the city government as a whole. I cannot too highly commend the example of the several committees and boards of the past year in this respect.

Gentlemen of the City Council, in accepting at the hands of our fellow-citizens the several offices upon which we have this day entered, we have each one of us placed ourselves under the most binding obligation to faithfully attend to those duties to the minutest

detail. Constant attendance upon the meetings of the different branches and committees is essential to a thorough understanding of the various questions to be considered and intelligent action thereon. Beyond this we must diligently inform ourselves upon the affairs of our city, and endeavor to act impartially, without sectional or personal feeling, upon every question submitted to our judgment; and, while we labor faithfully to meet the approbation of our constituents, let each one of us keep it constantly in mind that the seal of approval from our own conscience, upon every act, is always of the first importance.

REPORT

OF THE

TREASURER AND COLLECTOR OF TAXES.

CITY OF SOMERVILLE.

IN BOARD OF MAYOR AND ALDERMEN, Jan. 24, 1883.

Referred to the Committee on Finance, and sent down for concurrence.

CHARLES E. GILMAN, *Clerk.*

IN COMMON COUNCIL, Jan. 25, 1883.

Concurred in.

DOUGLAS FRAZAR, *Clerk.*

IN COMMITTEE ON FINANCE, Feb. 13, 1883.

To the City Council of Somerville:—

The Committee on Finance reports that, in compliance with section 9 of ordinance No. 4, it has, in conjunction with the city auditor, examined and audited the books and accounts of the treasurer and collector of taxes for the year ending Dec. 31, 1882, and in the manner prescribed by said ordinance. The said books and accounts were carefully compared with the books and records of the auditor, the books, accounts, papers, vouchers, and documents of the city clerk and the several committees, boards, and officers of the city, and with the certificates and statement transmitted by the city clerk, as provided in section 4 in said ordinance. The committee also carefully verified the cash balance, as shown by the books and accounts of the treasurer. The committee takes pleasure in reporting as the result of its examination that no error or discrepancy was discovered in the accounts and records of the treasurer and collector, and in expressing its cordial approval of the remarkably neat, methodical, and accurate manner in which he has kept the books and accounts of his department, as well as the general efficiency displayed by him in the performance of his important and arduous official duties, and recommends that his report be accepted.

JOHN A. CUMMINGS,	}	<i>Committee on Finance.</i>
MARK F. BURNS,		
ALBION A. PERRY,		
FRANK E. FITTS,		
HIRAM D. SMITH,		
NATHAN A. FITCH,		
R. T. BLACKWELL,		
S. G. A. TWYECROSS,		

IN BOARD OF MAYOR AND ALDERMEN, Feb. 14, 1883.

Accepted and sent down for concurrence.

GEO. I. VINCENT, *Clerk, pro tempore.*

IN COMMON COUNCIL, Feb. 15, 1883.

Concurred in.

DOUGLAS FRAZAR, *Clerk.*

CITY OF SOMERVILLE.

TREASURER'S OFFICE, Jan. 24, 1883.

To the Honorable the Mayor and the City Council of the City of Somerville :

GENTLEMEN, — The undersigned presents herewith the eleventh annual report of the financial condition of the city, and a detailed statement of the receipts and disbursements for the year ending Dec. 31, 1882.

The valuation of the public property, Dec. 31, 1881, was \$1,155,000, and no acquisitions to this account have been recorded during the past year. An appropriation of \$17,000 for the erection of an addition to the Edgerly School-house was made during the year. Of this appropriation there remains an unexpended balance of \$1,479.66 to be applied to the liquidation of the amount due on the carpenter's contract and such outstanding bills as may be approved by the committee. If no additional appropriation for this improvement is made the public property will stand on the books valued at \$1,172,000.

The funded debt of the city, not having been changed during the year, remains at \$1,585,000.

City loan bond No. 1,	\$17,500
“ “ “ Nos. 3 and 4,	10,000
“ “ “ Nos. 5 and 6,	20,000
Water loan bond No. 12,	50,000
“ “ “ No. 13,	40,000
City loan bond Nos. 8 and 10,	20,000
“ “ “ No. 9,	5,000
“ “ “ Nos. 11 and 12,	10,000
Sidewalk loan bond No. 10,	10,000
Amounting to	<hr/> \$182,500

bearing interest at $6\frac{1}{2}$ per centum, maturing during the year having been provided for by the issue and disposal of the following new bonds, all bearing interest of 5 per centum per annum.

City loan bonds Nos. 423 to 437,	\$15,000
“ “ “ No. 438,	500
“ “ “ Nos. 439 to 461,	23,000
Water loan bonds Nos. 112 to 124,	13,000
“ “ “ Nos. 125 to 136,	12,000
“ “ “ No. 137,	500
“ “ “ Nos. 138 to 151,	14,000
“ “ “ Nos. 152 to 166,	15,000
“ “ “ Nos. 167 to 181,	15,000
“ “ “ No. 182,	500
“ “ “ Nos. 183 to 194,	12,000
“ “ “ No. 195,	500
City loan bonds No. 462,	7,000
“ “ “ No. 463,	45,000
“ “ “ No. 464,	2,000
Water loan bond No. 196,	6,500
“ “ “ No. 197,	1,000
Amounting to	<u>\$182,500</u>

The assets of the city available for the payment of its unfunded liabilities are as follows:—

Taxes,	\$156,790 34
Real-estate liens,	3,327 45
State of Massachusetts, State aid,	4,312 75
State of Massachusetts, indigent soldiers and sailors,	481 00
Highway betterment assessments,	979 98
Sidewalk assessments,	3,312 84
Sewer assessments,	7,865 41
Water-service assessments,	723 82
Cash,	21,516 88
Total amount of available assets,	<u>\$199,310 47</u>

The unfunded liabilities are:—

Temporary loans,	\$160,000 00
Overplus on tax sales,	189 13
<i>Amount carried forward,</i>	<u>\$160,189 13</u>

<i>Amount brought forward,</i>	\$160,189 13	
Public Park,	351 32	
Public Library,	100 29	
Sundry persons,	1,110 10	
Edgerly School-house addition,	1,479 66	
	<hr/>	
Total amount of unfunded liabilities,	\$163,230 50	
Excess of available assets over unfunded liabilities,	36,079 97	
	<hr/>	\$199,310 47

The tax levy for 1882 was on a valuation of \$23,162,200, at \$17.80 on \$1,000 valuation; and 6,717 polls at \$2.00 each; amounting to \$425,721.16.

The appropriations for the year (provided for by tax levy), the additional amounts credited, and the expenditures of the various departments were as follows:—

	Appropriations.	Additional Credits.	Expenditures.
Fire Department	\$22,000 00		
Manure and materials sold.....		\$199 44	
			\$22,124 89
Health Department.....	2,500 00		
Transferred from Interest acc't.	200 00		
Licenses to keep swine, etc.....		309 25	
			2,921 49
Highways	30,000 00		
Transferred from Interest acc't.	1,000 00		
Labor and materials furnished..		4,145 63	
			34,881 81
Indigent Soldiers and Sailors	500 00		
State of Massachusetts.....		493 00	
			986 00
Interest { Appropriation ....\$70 000 }	61,700 00		
{ Trsd. to other accts. 8,300 }			
Interest, premiums & corp. taxes		35,957 23	
			79,651 00
Miscellaneous	7,000 00		
Fees, costs on taxes, licenses, etc.		1,849 76	
			7,687 28
Police	22,500 00		
Court fees, fines, etc.....		1,221 90	
			23 408 82
Police Station Incidentals.....	2,000 00		
Rent of hall.....		625 00	
			2,263 55

	Appropriations.	Additional Credits.	Expenditures.
Public Library.....	\$1,500 00		
Dog licenses, fines and catalogues		\$1,283 88	\$2,683 59
Balance to be expended in 1883..			100 29
Public Park Maintenance.....	1,500 00		
Transferred from Interest acc't.	50 00		
Grass sold, etc.....		13 25	1,514 16
Salaries.....	18,000 00		17,864 54
School Contingent.....	9,000 00		
Transferred from Interest acc't.	200 00		
Tuition and school furniture....		248 50	9,318 36
School Fuel.....	3,500 00		
Transferred from Interest acc't.		1,000 00	4,318 11
School-house Incidentals.....	6,500 00		
Transferred from Interest acc't.	750 00		
Rent of halls, etc.....		756 00	7,866 75
School Teachers' Salaries.....	63,000 00		65,037 02
Transferred from Interest acc't.	2,200 00		
Sewers.....	14,000 00		
Materials and labor furnished...		194 45	11,134 05
Sidewalks	2,600 00		
Transferred from Interest acc't.	1,200 00		3,684 65
Sinking Fund Contributions.....	45,525 00		45,525 00
Soldiers' Relief.....	225 00		225 00
Street Lights.....	7,000 00		
Transferred from Interest acc't.	200 00		
Lamp posts erected, etc.....		430 98	7,577 55
Support of Poor.....	14,000 00		
Transferred from Interest acc't.	1,000 00		
Support of paupers.....		1,650 14	16,383 10
Watering Streets.....	3,000 00		
From Abutters		3,133 95	6,042 15
Water Maintenance.....	12,000 00		
Transferred from Interest acc't.	500 00		
Labor and materials furnished..		454 15	12,755 77
Water Loan Interest.....	2,000 00		
City of Boston, return on water rates.....		19,354 28	18,012 50
Edgerly School-house Addition.....	17,000 00		15,520 34

TREASURER'S REPORT.

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	Appropriations.	Additional Credits.	Expenditures.
Balance to be expended in 1883.			\$1,479 66
State of Massachusetts, State Tax..	\$30,880 00		30,880 00
County of Middlesex, County Tax..	11,638 19		11,938 19
Overlay and Abatement.....	6,352 97		
Received for taxes previously abated		\$85 18	
Applied to abatement on taxes..			7,629 08
<hr/>			
Total amount of Appropriations....	\$425,721 16		
“ “ Additional Credits,	72,405 97		
“ “ Expenditures.....			\$471,114 70
Excess of Appropriations over current expenses.....			27,012 43
<hr/>			
	\$498,127 13		\$498,127 13
<hr/>			

The financial condition of the city, without taking into consideration its public property, is as follows:—

Funded debt	\$1,585,000 00
Amount of the sinking funds, as per report of the commissioners	373,654 18
<hr/>	
Net amount of funded debt	\$1,211,345 82
Excess of available assets over unfunded liabilities	36,079 97
<hr/>	
Leaving a net indebtedness of	\$1,175,265 85
<hr/>	
The total cash receipts for the year, including a balance of \$14,321.76 from the year 1881, were	\$1,151 332 03
And the total cash disbursements	1,129,815 15
<hr/>	
Leaving in the treasury the sum of	\$21,516 88

A detailed statement of the funded debt, public property, and the receipts and disbursements of the various accounts will be found in the appendix to this report.

Respectfully submitted,

JOHN F. COLE, *Treasurer.*

APPENDIX TO TREASURER'S REPORT.

Table A.

•PUBLIC PROPERTY, DEC. 31, 1882.

Central Hill Land (12 acres, 27,920 feet),		\$100,000 00
City Hall,	\$10,000 00	
Furniture,	3,000 00	
	<hr/>	13,000 00
Public Library,		8,500 00
Steam Fire Engine House,	\$10,000 00	
Furniture,	500 00	
Steam Fire Engine, and Apparatus,	4,000 00	
Steam Fire Engine, Hose Carriage, and Apparatus,	2,000 00	
	<hr/>	16,500 00
High School House,	\$40,000 00	
Furniture,	3,500 00	
Philosophical Apparatus,	500 00	
	<hr/>	44,000 00
Prescott School House Land (21,444 feet) and Building,	\$40,000 00	
Furniture,	2,000 00	
	<hr/>	42,000 00
Luther V. Bell School House Land (23,396 feet) and Building,	\$40,000 00	
Furniture,	3,000 00	
	<hr/>	43,000 00
<i>Amount carried forward,</i>		<hr/> \$267,000 00

<i>Amount brought forward,</i>		\$267,000 00
Forster School House Land (32,693		
feet) and Building,	\$40,000 00	
Furniture,	1,500 00	
	<hr/>	41,500 00
Morse School House Land (29,109		
feet) and Building,	\$25,000 00	
Furniture,	1,000 00	
	<hr/>	26,000 00
Highland School House Land (23,260		
feet) and Building,	\$32,000 00	
Furniture,	1,000 00	
	<hr/>	33,000 00
Lincoln School House Land (17,662		
feet) and Building,	\$8,200 00	
Furniture,	300 00	
	<hr/>	8,500 00
Prospect Hill School House Land (25,-		
313 feet) and Building,	\$20,000 00	
Furniture,	600 00	
	<hr/>	20,600 00
Jackson School House Land (11,212		
feet) and Building,	\$8,000 00	
Furniture,	300 00	
	<hr/>	8,300 00
Bennett School House Land (20,560		
feet) and Building,	\$8,000 00	
Furniture,	300 00	
	<hr/>	8,300 00
Webster School House Land (11,050		
feet) and Building,	\$8,000 00	
Furniture,	300 00	
	<hr/>	8,300 00
Union School House Land (9,360 feet)		
and Building,	\$2,500 00	
Furniture,	100 00	
	<hr/>	2,600 00
<i>Amount carried forward,</i>		<hr/> \$124,100 00

<i>Amount brought forward,</i>		\$424,100 00
Harvard School Land (9,810 feet) and		
Building,	\$2,500 00	
Furniture,	100 00	
	<hr/>	2,600 00
Edgerly School House Land (26,428		
feet) and Building,	\$25,000 00	
Furniture,	500 00	
	<hr/>	25,500 00
Brastow School House Land (10,019		
feet) and Building,	\$6,000 00	
Furniture,	250 00	
	<hr/>	6,250 00
Franklin School House Land (33,017		
feet) and Building,	\$14,000 00	
Furniture,	300 00	
	<hr/>	14,300 00
Beach Street School House Land (6,000		
feet) and Building,	\$4,500 00	
Furniture,	250 00	
	<hr/>	4,750 00
Spring Hill School House Land (4,991		
feet) and Building,	\$1,600 00	
Furniture,	100 00	
	<hr/>	1,700 00
City Farm Land (10 acres, 12,523 feet),		30,000 00
Cedar Street School House,	\$700 00	
Furniture,	100 00	
	<hr/>	800 00
City Stables and Dwelling-Houses,		7,000 00
Equipments for Highway Repairs,		3,000 00
Watering Carts and Sheds,		2,300 00
No. 1 Hose House Land (4,312 feet)		
and Building,	\$2,300 00	
Furniture,	400 00	
John E. Wool Hose Carriage		
and Apparatus,	2,000 00	
	<hr/>	4,700 00
<i>Amount carried forward,</i>		<hr/> \$527,000 00

<i>Amount brought forward,</i>		\$527,000 00
No. 2 Hose House Land (5,400 feet)		
and Building,	\$7,500 00	
Furniture,	300 00	
Winter Hill Hose Carriage		
and Apparatus,	2,000 00	
	<hr/>	9,800 00
No. 3 Hose House Land (5,226 feet)		
and Building,	\$9,000 00	
Furniture,	300 00	
George H. Foster Hose Car-		
riage and Apparatus,	2,000 00	
R. A. Vinal Hook and Ladder		
Truck and Apparatus,	3,400 00	
Prescott Hook and Ladder		
Truck and Apparatus	100 00	
	<hr/>	14,800 00
No. 4 Hose House Land (9,100 feet)		
and Building,	\$11,000 00	
Furniture,	400 00	
Geo. O. Brastow Hose Car-		
riage and Apparatus,	2,000 00	
Relief Hose Carriage,	600 00	
	<hr/>	14,000 00
Fire-Alarm Telegraph,		15,800 00
Police Station Land (15,232 feet) and		
Building (Bow Street),	\$40,000 00	
Furniture,	3,000 00	
	<hr/>	43,000 00
Prospect Street Land (7,918 feet) and		
Building,	7,000 00	
Public Park (cost \$212,993.20),		125,000 00
Joy Street Land (2,960 feet),		500 00
Walnut Hill Land (10,890 feet),		1,000 00
Elm Street Land (18,000 feet),		3,600 00
	<hr/>	
<i>Amount carried forward,</i>		\$761,500 00

<i>Amount brought forward,</i>	\$761,500 00
Ledge Land on Bond Street (39,732 feet),	2,500 00
Holland Street (5 a., 6,806 feet),	12,000 00
Somerville Avenue (39,456 feet),	5,000 00
Gravel Land in Waltham (about 35 acres),	15,000 00
Gravel Land in Wakefield (about $1\frac{1}{3}$ acres),	5,000 00
Gravel Land in Winchester (about 2 acres),	500 00
Somerville Water Works (cost \$342,608.76),	341,000 00
Tufts Street Land (29,584 feet),	5,000 00
Oliver Street Land (63,069 feet),	7,500 00
Total value of Public Property,	<hr/> <u>\$1,155,000 00</u> <hr/>

Table B.

FUNDED DEBT, DECEMBER 31, 1882.

Date.	Loan.	Number of Bonds.	Rate per cent of Interest.	When due.	Denomination.	Amount.
1880. Oct. 1,	City, Water,	349, 36,	5 "	1883. Oct. 1,	\$36,500 7,500	\$36,500 7,500
1881. April 1, 1874.	City,	353 to 372,	"	"	1,000	20,000
April 1,	"	49,	6½	1884. April 1,	10,000	10,000
"	"	52 to 54,	"	"	5,000	15,000
"	"	55,	"	"	2,000	2,000
"	"	57 and 60,	"	"	10,000	20,000
1872 July 1,	"	7,	5½	July 1,	20,000	20,000
1874. July 1,	"	66,	6½	"	2,000	2,000
"	"	67,	"	"	5,000	5,000
"	"	72 to 79,	"	"	5,000	40,000
"	Water,	16 to 18,	"	"	5,000	15,000
1872. Oct. 1,	City,	13,	6	Oct. 1,	6,000	6,000
"	"	14 to 17,	"	"	5,000	20,000
1874. Oct. 1,	"	80 to 86,	6½	"	5,000	35,000
"	"	87 to 96,	"	"	5,000	50,000
"	"	98,	"	"	5,000	5,000
"	"	99,	"	"	2,500	2,500
"	"	100,	"	"	1,000	1,000
"	"	101 to 103,	"	"	3,000	9,000
"	"	104,	"	"	1,000	1,000
"	"	105,	"	"	2,000	2,000
"	"	106 to 111,	"	"	5,000	30,000
"	"	116,	"	"	3,000	3,000
"	"	117 to 121, 123 to 142,	"	"	5,000	125,000
"	"	147 to 156,	"	"	5,000	50,000
1877. Oct. 1,	Water,	32,	5	"	5,000	5,000
1878. Jan 1,	City,	337,	"	1885. Jan. 1,	5,000	5,000
1876. April 1,	"	188,	5½	April 1,	4,500	4,500
1879. April 1,	"	342,	5	"	6,000	6,000
1880. Oct. 1,	"	350,	"	"	6,000	6,000
1881. Oct. 1,	"	413,	"	"	6,000	6,000
1882. Oct. 2,	"	462,	"	"	7,000	7,000
1875. July 1,	Water,	19 to 22,	6	July 1,	5,000	20,000
"	City,	157,	"	"	4,000	4,000
"	"	158,	"	"	3,000	3,000
"	"	159,	"	"	5,000	5,000
"	"	160 to 162,	"	"	5,000	15,000
"	"	163 to 174,	"	"	5,000	60,000
1876. April 1,	"	175 to 182,	5½	1886. April 1,	5,000	40,000
"	"	183 to 185,	"	"	5,000	15,000
"	"	186,	"	"	5,000	5,000
"	"	187,	"	"	1,000	1,000
"	Water,	23 to 27,	"	"	10,000	50,000
"	"	28,	"	"	5,500	5,500
<i>Amount</i>		<i>carried forward</i>	.....	.....	.....	\$795,500

Table B.—*Continued.*

Date.	Loan.	Number of Bonds.	Rate per cent of Interest.	When due.	Denomination.	Amount.
	<i>Amount</i>	<i>brought forward</i>	.....	.....	.....	\$795,500
1882.				1887.		
July 1,	City,	423 to 437,	5	July 1,	\$1,000	15,000
" "	"	438,	"	"	500	500
1880.						
Oct. 1,	Water,	37 to 45,	"	Oct. 1,	1,000	9,000
1881.						
April 1,	City,	373 to 412,	"	"	1,000	40,000
Oct. 1,	"	416,	"	"	500	500
" "	"	417 to 422,	"	"	1,000	6,000
1882.				1888.		
July 1,	"	439 to 461,	"	July 1,	1,000	23,000
1881.				1889.		
Jan. 1,	Water,	57 to 65,	"	Jan. 1,	1,000	9,000
1880.						
Oct. 1,	"	46 to 54,	"	Oct. 1,	1,000	9,000
" "	"	55,	"	1890.		
1881.				Oct. 1,	9,000	9,000
Jan. 1,	"	66 to 76,	"	1892.		
Oct. 1,	"	78 to 88,	"	Jan. 1,	1,000	11,000
" "	"	89 to 99,	"	Oct. 1,	1,000	11,000
" "	"	100 to 111,	"	1893.		
1878.				Oct. 1,	1,000	12,000
Jan. 1,	City,	335,	"	1894.		
" "	"	336,	"	Oct. 1,	1,000	12,000
" "	"	338,	"	1895.		
1879.				Jan. 1,	37,000	37,000
Jan. 1,	Water,	34,	"	"	1,000	1,000
" "	City,	339,	"	"	2,000	2,000
" "	"	340,	"	"	25,000	25,000
" "	"	341,	"	"	12,000	12,000
1880				"	1,500	1,500
Jan. 1,	"	346,	"	"	1,500	1,500
" "	"	347,	"	"	2,000	2,000
" "	"	348,	"	"	1,000	1,000
1876.				"	5,500	5,500
April 1,	"	189,	5½	April 1,	35,500	35,500
Oct. 1,	"	190 to 194,	5	"	5,000	25,000
" "	"	195 to 334,	"	"	1,000	140,000
1879.						
April 1,	"	343,	"	"	4,000	4,000
Oct. 1,	"	344,	"	"	8,000	8,000
" "	"	345,	"	"	25,000	25,000
1880.						
Oct. 1,	"	351,	"	"	1,000	1,000
" "	"	352,	"	"	42,500	42,500
1881.						
Oct. 1,	"	414,	"	"	45,000	45,000
" "	"	415,	"	"	1,000	1,000
1882.						
Oct. 2,	"	463,	"	"	45,000	45,000
" "	"	464,	"	"	2,000	2,000
July 1,	Water,	112 to 124,	"	July 1,	1,000	13,000
1876.				1896.		
July 1,	Sewer,	1 to 7,	"	July 1,	5,000	35,000
1882.						
July 1,	Water,	125 to 136,	"	"	1,000	12,000
" "	"	137,	"	"	500	500
" "	"	138 to 151,	"	1897.		
" "	"	152 to 66,	"	July 1,	1,000	14,000
" "	"			1898.		
" "	"			July 1,	1,000	15,000
	<i>Amount</i>	<i>carried forward</i>	.....	.....	.....	\$1,513,500

Table B.—*Concluded.*

Date.	Loan.	Number of Bonds.	Rate per cent of Interest.	When due.	Denomination.	Amount.
	<i>Amount</i>	<i>brought forward</i>	.....	.....	.....	\$1,513,500
1882. July 1,	Water,	167 to 181, 182,	5 "	1899. July 1,	\$1,000 500	15,000 500
"	"	183 to 194, 195,	" "	1900. July 1,	1,000 500	12,000 500
1877. Oct. 1,	"	33,	"	1904. Oct. 1,	5,000	5,000
1879. Jan. 1,	"	35,	"	1905. Jan. 1,	5,000	5,000
1876. April 1,	"	29,	5½	April 1,	4,500	4,500
1880. Oct. 1,	"	56,	5	"	5,500	5,500
1881. Oct. 1,	"	77,	"	"	6,000	6,000
1882. Oct. 2,	"	196,	"	"	6,500	6,500
"	"	197,	"	"	1,000	1,000
1876. July 1,	"	30 and 31,	5½	1906. July 1,	5,000	10,000
	<i>Total</i>	<i>Funded Debt</i> .....	.....	.....	.....	\$1,585,000

Table C.

STATEMENT OF ACCOUNTS SHOWING APPROPRIATIONS,
RECEIPTS, EXPENDITURES, ETC., TO DEC. 31, 1882.

APPROPRIATIONS.

	Credit.	
TAXES, amount assessed for current expenses,	\$376,850 00	
PROPERTY and DEBT BALANCE, appropriated in 1882,	182,500 00	
	<hr/>	\$559,350 00
	Debit.	
FIRE DEPARTMENT,	\$22,000 00	
HEALTH,	2,500 00	
HIGHWAYS,	30,000 00	
INDIGENT SOLDIERS AND SAILORS,	500 00	
INTEREST,	70,000 00	
MISCELLANEOUS,	7,000 00	
POLICE,	22,500 00	
POLICE STATION INCIDENTALS,	2,000 00	
PUBLIC LIBRARY,	1,500 00	
PUBLIC PARK MAINTENANCE,	1,500 00	
RENEWALS OF FUNDED DEBT,	182,500 00	
SALARIES,	18,000 00	
SCHOOL CONTINGENT,	9,000 00	
SCHOOL FUEL,	3,500 00	
SCHOOL-HOUSE INCIDENTALS,	6,500 00	
SCHOOL TEACHERS' SALARIES,	63,000 00	
SEWERS,	14,000 00	
SIDEWALKS,	2,600 00	
SINKING FUND CONTRIBUTIONS,	45,525 00	
SOLDIERS' RELIEF,	225 00	
STREET LIGHTS,	7,000 00	
SUPPORT OF POOR,	14,000 00	
WATERING STREETS,	3,000 00	
WATER MAINTENANCE,	12,000 00	
WATER LOAN INTEREST,	2,000 00	
EDGERLY SCHOOL-HOUSE ADDITION,	17,000 00	
	<hr/>	\$559,350 00
		<hr/>

CASH.

Credit.

COUNTY OF MIDDLESEX,	\$11,638 19
EDGERLY SCHOOL ADDITION,	15,520 34
FIRE DEPARTMENT,	22,124 89
FUNDED DEBT,	182,500 00
HEALTH DEPARTMENT,	2,921 49
HIGHWAYS,	34,881 81
INDIGENT SOLDIERS AND SAILORS,	986 00
INTEREST,	78,588 50
MISCELLANEOUS,	7,687 28
OVERPLUS ON TAX SALES,	236 00
POLICE,	23,408 82
POLICE STATION INCIDENTALS,	2,263 55
PUBLIC LIBRARY,	2,683 59
PUBLIC PARK MAINTENANCE,	1,514 16
SALARIES,	17,864 54
SCHOOL CONTINGENT,	9,318 36
SCHOOL FUEL,	4,318 11
SCHOOL-HOUSE INCIDENTALS,	7,866 75
SCHOOL TEACHERS' SALARIES,	65,037 02
SEWERS,	20,266 02
SIDEWALKS,	7,357 57
SINKING FUND CONTRIBUTIONS,	45,525 00
SOLDIERS' RELIEF,	225 00
STREET LIGHTS,	7,577 55
SUPPORT OF POOR,	16,383 10
STATE OF MASSACHUSETTS,	30,880 00
STATE AID,	4,497 25
SUNDRY PERSONS,	1,037 50
TEMPORARY LOANS,	465,000 00
WATERING STREETS,	6,042 15
WATER MAINTENANCE,	12,755 77
WATER SERVICES,	2,933 84
WATER LOAN INTEREST,	17,975 00
BALANCE, to debit in account 1883,	21,516 88
	<hr/>
	\$1,151,332 03

Debit.

BALANCE, from 1881,	\$14,321 76
FIRE DEPARTMENT,	199 44
FUNDED DEBT,	182,500 00
HEALTH DEPARTMENT,	309 25
HIGHWAYS,	4,145 63
HIGHWAY BETTERMENT ASSESSMENTS,	61 88
INTEREST,	35,798 46
MISCELLANEOUS,	1,747 16
OVERLAY AND ABATEMENT,	35 56
OVERPLUS ON TAX SALES,	358 13
POLICE,	1,221 90
POLICE STATION INCIDENTALS,	625 00
PUBLIC LIBRARY,	1,283 88
PUBLIC PARK MAINTENANCE,	13 25
SCHOOL CONTINGENT,	248 50
SCHOOL-HOUSE INCIDENTALS,	756 00
SEWERS,	194 45
SEWER ASSESSMENTS,	8,704 32
SIDEWALK ASSESSMENTS,	1,894 66
STREET LIGHTS,	430 98
SUPPORT OF POOR,	1,650 14
STATE OF MASSACHUSETTS — INDIGENT SOLDIERS AND SAILORS,	1,016 00
STATE OF MASSACHUSETTS — STATE AID,	4,808 50
TAXES,	426,915 79
TEMPORARY LOANS,	435,000 00
WATER MAINTENANCE,	408 07
WATER SERVICES,	5 00
WATER SERVICE ASSESSMENTS,	3,087 93
WATER LOAN INTEREST,	19,354 28
WATERING STREETS,	3,133 95
REAL ESTATE LIENS,	1,070 66
STATE AID,	31 50
	<hr/> \$1,151,332 03 <hr/>

COUNTY OF MIDDLESEX.

	Credit.	
TAXES, amount assessed for county tax,		\$11,638 19
	Debit.	
CASH, paid on county tax,		\$11,638 19

EXCESS AND DEFICIENCY.

	Credit.	
BALANCE, from 1881,		\$9,067 54
FIRE DEPARTMENT, credit balance of account,		74 55
HEALTH DEPARTMENT, " " "		87 76
HIGHWAYS, credit balance of account,		263 82
INDIGENT SOLDIERS AND SAILORS, credit balance of account,		7 00
INTEREST, credit balance of account,		18,006 23
MISCELLANEOUS, " " "		1,162 48
POLICE, " " "		313 08
POLICE STATION INCIDENTALS, credit balance of account,		361 45
PUBLIC PARK MAINTENANCE, credit balance of account,		49 09
SALARIES, credit balance of account,		135 46
SCHOOL CONTINGENT, credit balance of account,		130 14
SCHOOL FUEL, " " "		181 89
SCHOOL-HOUSE INCIDENTALS, credit balance of account,		139 25
SCHOOL TEACHERS' SALARIES, credit balance of account,		162 98
SEWERS, credit balance of account,		3,060 40
SIDEWALKS, " " "		115 35
STREET LIGHTS, credit balance of account,		53 43
SUPPORT OF POOR, " " "		267 04
<i>Amount carried forward,</i>		\$33,638 94

<i>Amount brought forward,</i>	\$33,638 94
WATERING STREETS, credit balance of account,	91 80
WATER MAINTENANCE, " " "	198 38
WATER LOAN INTEREST, " " "	3,341 78
	<hr/>
	\$37,270 90

Debit.

OVERLAY AND ABATEMENT, debit balance	
of account,	\$1,190 93
BALANCE, to credit in account of 1883,	36,079 97
	<hr/>
	\$37,270 90

EDGERLY SCHOOL-HOUSE ADDITION.**Credit.**

APPROPRIATIONS, amount assessed,	<hr/>
	\$17,000 00

Debit.

CASH paid J. O. Hayden & Co. advertising,	\$3 00
Journal Newspaper Company, advertising,	6 00
Daily Advertiser, advertising,	4 50
Samuel D. Kelley, on account as architect,	500 00
R. A. Hines & Son, mason work,	7,499 00
Daniel Brooks, mason work,	230 57
Mead, Mason & Co., on account carpenter work,	5,750 00
R. A. Melvin & Co., carpenter work,	333 49
Highland Foundry Co., furnaces,	406 00
J. A. Swasey, blackboards,	77 93
Bosworth & French, soapstone sinks	63 00
Oaks Manufacturing Co., eagle vane,	35 00
A. G. Whitcomb, school furniture,	307 85
	<hr/>
<i>Amounts carried forward,</i>	\$15,216 34
	<hr/>
	\$17,000 00

<i>Amounts brought forward,</i>	\$15,216 34	\$17,000 00
School-house Incidentals, account		
second-hand desks	272 00	
Daniel Pratt's Son, clock,	21 00	
E. A. Kent, teaming,	5 00	
W. H. Denton, cleaning windows	6 00	
	<hr/>	
	\$15,520 34	
BALANCE to credit in account 1883,	1,479 66	
	<hr/>	
		\$17,000 00
		<hr/> <hr/>

FUNDED DEBT.

Credit.

BALANCE from 1881,	\$1,585,000 00
CASH received from sale of Bonds Nos.	
423 to 464, City Loan,	\$92,500 00
Bonds Nos. 112 to 197 Water Loan,	90,000 00
	<hr/>
	182,500 00
	<hr/>
	\$1,767,500 00

Debit.

CASH paid City Loan Bond No. 1,	\$17,500 00
City Loan Bonds Nos. 3 and 4,	10,000 00
City Loan Bonds Nos. 5 and 6,	20,000 00
City Loan Bonds Nos. 8 and 10,	20,000 00
City Loan Bond No. 9,	5,000 00
City Loan Bonds Nos. 11 and 12,	10,000 00
Sidewalk Loan Bond No. 10,	10,000 00
Water Loan Bond No. 12,	50,000 00
Water Loan Bond No. 13,	40,000 00
Balance to credit in account 1883,	1,585,000 00
	<hr/>
	\$1,767,500 00
	<hr/> <hr/>

FIRE DEPARTMENT.

Credit.

APPROPRIATIONS, amount assessed,		\$22,000 00
CASH received of Phoenix Insurance Com- pany, damage to hose carriage by fire,	\$22 00	
E. P. Dunbar, amount received for old copper, etc., sold,	90 44	
L. W. Dorr, manure,	52 00	
J. A. Cummings, feed boxes,	5 00	
Samuel Trull, second-hand radiator,	3 00	
Herbert Thorp, telephone poles,	3 00	
Sewer Department, leather hose,	24 00	
		<hr/> 199 44
		<hr/> \$22,199 44

Debit.

CASH paid James R. Hopkins, chief en- gineer,	\$1,000 00	
N. C. Barker, assistant engineer,	349 99	
Steamer Engine Company,	781 00	
John E. Wool Hose Company,	687 25	
Winter Hill Hose Company,	693 50	
George H. Foster Hose Company,	631 00	
George O. Brastow Hose Company,	706 00	
R. A. Vinal Hook and Ladder Com- pany,	1,068 50	
Steamer engineer,	950 00	
Steamer fireman,	780 00	
Seven drivers,	5,460 00	
J. F. Walker, substitute driver,	162 50	
W. H. Whitcomb, substitute driver,	136 50	
		<hr/>
Amounts carried forward,	\$13,456 24	\$22,199 44

<i>Amounts brought forward,</i>	\$13,456 24	\$22,199 44
W. H. Whitcomb, labor,	9 75	
City of Boston, water for hydrants,	1,428 00	
City of Boston, water rates,	110 00	
Edward O'Brien, horseshoeing,	31 25	
George McDmond, horseshoeing,	34 57	
J. W. Gerry, horseshoeing,	60 90	
Charles Maguire, horseshoeing,	51 65	
H. G. Collins, horseshoeing,	1 50	
Seward Dodge, blacksmithing,	173 08	
Benjamin F. Robinson, blacksmithing,	5 15	
Hunneman & Co., repairs,	588 00	
Cook, Rymes & Co., repairs,	168 66	
Bowditch & Cogswell, repairs and painting hose carriage,	135 63	
Burbank & Osborn, repairs and painting hose carriage,	112 30	
D. W. Crocker, repairs,	11 25	
Charles H. Holmes & Son, repairs and storing stoves,	15 10	
M. C. Warren, hardware,	28 75	
J. E. Parsons, hardware,	10 12	
J. A. Durell, hardware and repairs,	66 55	
Howe & Flint, hardware and plumbing,	33 18	
H. W. Raymond, cuspadores and hardware,	21 04	
J. Henry Kimball, springs and repairs,	7 35	
F. Ivers, repairing harnesses and chains,	19 15	
G. M. J. Wilson, repairing harnesses,	70 35	
L. Barrican, repairing harnesses,	90	
W. Mitchell, horse collars,	12 00	
Maurice Reardon, horse collars,	12 00	
<i>Amounts carried forward,</i>	\$16,674 42	\$22,199 44

<i>Amounts brought forward,</i>	\$16,674 42	\$22,199 44
Geo. H. Foster Hose Company, harnesses,	12 75	
Henry A. Bryns, swinging harness,	18 00	
Charles E. Berry, swinging harness,	48 00	
James Boyd & Son, steel bits,	26 50	
John Kennedy, wheelwright work,	2 00	
J. Leland, wheelwright work,	13 15	
H. H. Miller, painting wagons,	32 00	
W. S. Walker, painting and glazing,	28 05	
J. Q. Twombly, painting and glazing,	18 60	
A. Fisher, glazing,	3 25	
Wadsworth Bros. & Howland, paints,	1 00	
R. A. Melvin, carpenter work,	13 99	
G. W. Trefren, carpenter work,	189 10	
Elijah Walker, carpenter work,	60 37	
Leander Greeley, carpenter work,	2 55	
D. W. McDermott, oiling horse stalls,	11 78	
O. J. Davis, telegraph poles,	45 28	
D. L. Pierce, fire-alarm boxes,	200 00	
Edwin Rogers, fire-alarm boxes and supplies,	344 07	
Moses G. Crane & Co., fire-alarm tools,	6 75	
W. L. Snow, glass lanterns, etc.,	19 03	
Sturtevant Bros., board and use of horse,	28 00	
Hosmer, Crampton & Hammond, hay and straw,	309 41	
W. M. Hadley, hay and straw,	787 02	
W. M. Hadley, fuel,	272 09	
Horatio Wellington & Co., fuel,	323 71	
Nathan Tufts & Son, grain,	632 63	
Bishop Bros., repairing ladders, etc.,	13 75	
Jackson, Caldwell & Co., bedding,	67 25	
<i>Amounts carried forward,</i>	\$20,204 50	\$22,199 44

<i>Amounts brought forward,</i>	\$20,204 50	\$22,199 44
C. M. Howard, washing,	19 51	
Mrs. Calvert, washing,	41 11	
T. H. Daley, washing,	19 48	
Samuel H. Stevens, washing,	19 50	
Mary A. Brown, washing,	13 00	
Wakefield Rattan Co., mat,	1 35	
Samuel Walker & Co., oil,	23 18	
Lustralis Manufacturing Co., oil,	2 00	
Henry A. Gooding & Co., oil,	5 00	
George F. Reach & Co., iron chairs,	16 60	
Enoch Robinson, spring bolts,	12 00	
American Fire Hose M'fg Co., hose, repairing, and nozzle,	588 55	
George Dunbar & Co., hand hose,	37 65	
Sherburn & Co., waste,	11 55	
R. Warner & Co., brooms, etc.	11 00	
Leander Barber, brooms,	5 00	
Parker & Burrill, feather duster,	13 75	
George G. Page & Co., boxes,	15 00	
H. W. Burgess, matches, etc.,	5 20	
James Bartley, matches, etc.,	2 77	
James F. Towle, matches, etc.,	2 36	
Thomas Hollis, blue vitriol, etc.,	265 18	
Abiel Pevey, callaud zines,	105 23	
Edwin Rogers, zines and copper,	26 00	
Union Glass Co., battery jars,	3 50	
James F. Devlin, plumbing,	31 80	
S. B. Manning, repairing clocks,	2 50	
Ingalls & Kendricken, grates,	9 12	
S. J. Wood, keys,	75	
Joseph Breck & Son, wheelbarrow,	3 75	
Flynn Bros., window shades,	20 50	
Wesley C. Crane, premium of insur- ance,	65 62	
<i>Amounts carried forward,</i>	\$21,604 01	\$22,199 44

<i>Amounts brought forward,</i>	\$21,604 01	\$22,199 44
I. B. Kendall, premium of insurance,	42 50	
Aaron R. Gay & Co., postage stamps,	5 00	
J. O. Hayden & Co., printing and stationery,	54 00	
Alfred Mudge & Son, printing fire ordinance,	6 50	
S. Armstrong & Co., oak tubs,	12 00	
Charlestown Gas Co., gas,	39 23	
Cambridge Gas Light Co., gas,	60 65	
H. D. & W. S. Durgin, ice,	24 00	
Abbott & Co., ice,	5 00	
Bancroft's Express, expressing,	70	
George T. Day, expressing,	3 30	
E. R. Perham, expressing,	2 50	
W. J. London, expressing,	3 75	
Thorp's Express, expressing,	5 40	
T. Spelman, soft soap,	18 00	
James R. Hopkins, patent hose pipe and nozzle,	55 00	
Travelling expenses to firemen's convention,	62 00	
Geo. O. Brastow Hose Company, brass tube, etc.,	30 08	
J. F. Cummings, services as clerk, etc.,	15 52	
Dennis Ryan, labor,	19 75	
A. J. Wilkinson, pump and saw files,	6 00	
Daniel Webster Engine Company, refreshments,	10 00	
Engine Company No. 5, refreshments,	10 00	
Niagara Engine Company, refreshments,	10 00	
<i>Amounts carried forward,</i>	\$22,104 89	\$22,199 44

<i>Amounts brought forward,</i>	\$22,104 89	\$22,199 44
Union Engine Company, refreshments,	10 00	
Hook and Ladder Company No. 2,	10 00	
	<hr/>	
	\$22,124 89	
Excess and deficiency balance to		
credit of account,	74 55	
	<hr/>	\$22,199 44
		<hr/>

HEALTH DEPARTMENT.

Credit.

APPROPRIATIONS, amount assessed,		\$2,500 00
CASH received of George I. Vincent, per-		
mits to keep swine and goats and		
collect grease,	\$273 00	
M. R. Warren, return on bill for		
stationery,	4 00	
Richard H. Sturtevant, ashes,	32 25	
	<hr/>	309 25
Interest, transferred,		200 00
		<hr/>
		\$3,009 25

Debit.

CASH, paid Christopher Burke, removing		
offal,	\$500 00	
Highways account, collecting ashes,	1,429 56	
W. H. Brine, inspector of board of		
health,	500 00	
Fumigating,	87 50	
Sundry persons, burying dead animals,	18 50	
P. W. Skinner, fumigating,	27 00	
J. O. Hayden & Co., printing and		
advertising,	90 00	
Sturtevant Bros., sulphur,	4 05	
George H. Cowdin, sulphur,	2 90	
	<hr/>	
<i>Amounts carried forward,</i>	\$2,659 51	\$3,009 25

<i>Amounts brought forward,</i>	\$2,659 51	\$3,009 25
J. Canavan, sulphur,	30	
E. F. Chaffee, sulphur,	35	
Aaron R. Gay & Co., stationery,	11 50	
Photo-Electrotype Company, maps,	9 00	
Codman & Shurtleff, vaccine virus,	22 00	
Thomas Waterman, vaccine virus,	9 00	
J. J. & M. F. Fenelon, peppermint tubes,	38 70	
John W. Leatherbee, lumber,	15 41	
E. D. Sawyer & Co., lumber,	6 25	
Josiah Shaw, carpenter work,	112 97	
Howe & Flint, iron spiders,	2 50	
Charles A. Mongan, labor,	15 00	
F. J. Baxter, serving notices,	1 00	
George C. Skilton, carriage hire,	2 00	
A. L. Sanborn, carriage hire,	6 00	
Horace Record, carriage hire,	10 00	
	<hr/>	
	\$2,921 49	
EXCESS AND DEFICIENCY, balance to credit of account,	87 76	
	<hr/>	
		\$3,009 25
		<hr/>

HIGHWAYS.

Credit.

APPROPRIATIONS, amount assessed,		\$30,000 00
CASH, received from Health Department, collecting ashes, etc.,	\$1,429 56	
Arthur Moland, rent,	64 00	
Thomas Ormand, rent,	72 00	
Town of Wakefield, gravel,	152 80	
Watering Streets account, repairing carts, etc.,	103 68	
Watering Streets account, watering streets,	135 70	
	<hr/>	
<i>Amounts carried forward,</i>	\$1,957 74	\$30,000 00

<i>Amounts brought forward,</i>	\$1,957 74	\$30,000 00
Lewis F. Merrill, constructing drive- way,	7 00	
Henry F. Wood, constructing drive- way,	3 00	
F. M. Sparrow, constructing drive- way,	6 00	
A. N. Hardy, constructing drive- way,	7 05	
E. A. Morrison, constructing drive- way,	5 50	
M. Moran, constructing driveway,	3 00	
W. F. Laws, " "	4 10	
G. T. Burnham, " "	2 90	
S. Armstrong, " "	20 91	
James E. Whitaker, constructing driveway,	7 00	
L. M. Carr, constructing driveway,	2 50	
George Wilde, " "	8 34	
W. H. Durrell, " "	7 00	
George W. Prichard, stone and screenings,	168 80	
Wm. A. Muzzey, screenings,	2 50	
James B. Galvin, " "	15 00	
Rufus K. Underhill, paving bricks, etc.,	53 30	
George C. Bonner, paving bricks, etc.,	35 50	
Richard Falvey, paving bricks, etc.,	5 50	
Thomas B. Blaikie, " "	24 10	
J. A. Durell, " "	44 20	
J. C. Ellis, " "	10 94	
W. H. Thompson, " "	53 29	
George A. Kimball, " "	31 88	
Alexander Foster, trustee, paving bricks, etc.,	8 88	
<i>Amounts carried forward,</i>	<hr/> \$2,495 93	<hr/> \$30,000 00

<i>Amounts brought forward,</i>	\$2,495 93	\$30,000 00
R. A. Melvin, stone,	13 20	
Philip Eberle, “	10 00	
James Driscoll, repairing sidewalk,	1 00	
Chester W. Kingsley, labor and materials,	105 74	
Moses B. Brigham, constructing sidewalk, Hillside Avenue,	38 40	
P. F. Williams, Hillside Avenue,	40 87	
O. J. Davis, “ “	68 75	
Leonard Bowker, “ “	42 81	
Cornelius Lynch, constructing sidewalk, Franklin Avenue,	23 00	
James W. Taylor, “ “	15 75	
Rebecca A. Hannum, “ “	30 00	
James W. Hannum, “ “	30 00	
Ebenezer Stone, “ “	45 00	
Almira Shaw, “ “	24 00	
Sidewalks account, gravel and sand,	500 34	
Water Maintenance account, edge-stones and labor,	56 28	
Public Park Maintenance account, sods, etc.,	16 23	
Miscellaneous account, constructing path across Central Hill,	82 08	
Labor on City Hall grounds,	3 50	
School-House Incidentals account, labor and materials,	497 25	
Patrick Terry, filling,	1 75	
John Roach, labor on pay roll not called for,	3 75	
	<hr/>	4,145 63
INTEREST, transferred,		1,000 00
<i>Amount carried forward,</i>		<hr/> \$35,145 63

Amount brought forward,

\$35,145 63

Debit.

CASH, paid laborers,	\$19,121 17
John P. Prichard, superintendent	
of streets,	1,500 00
Nathan Tufts & Son, grain,	1,196 53
Knowles Bros., grain,	572 97
J. F. Ham, hay and straw,	379 20
Hewey, Skillings & Co., hay and	
straw,	151 38
George R. Emerson, hay and stone,	93 53
C. H. North & Co., salt,	3 08
F. Dooris, blacksmithing,	135 60
George McDormand, blacksmithing	
and shoeing,	125 65
Seward Dodge, blacksmithing,	131 77
Edward O'Brien, horseshoeing,	103 00
J. W. Gerry, "	107 88
M. Lynch, "	7 25
Hill & Langtry, harness work,	28 72
Joseph A. Pearson, "	3 75
James Forgie, "	12 00
N. L. Pennock, "	1 50
John Holt & Son, "	50
G. M. J. Wilson, "	1 65
B. F. Robinson, wheelwright work,	1 40
J. Leland, " "	22 15
Wood, Bailey & Wood, wheelwright	
work,	23 27
A. M. & C. M. Wood, wheelwright	
work,	32 07
R. A. Melvin, carpenter work,	167 37
Wm. A. Muzzey, "	56 25
Richard A. Stevens, "	8 35

Amounts carried forward,

\$23,987 99 \$35,145 63

<i>Amounts brought forward,</i>	\$23,987 99	\$35,145 63
Cook, Rymes & Co., repairing crusher,	56 15	
Farrel Foundry and Machine Com- pany, crusher plates, etc.,	72 26	
Osgood & Hart, castings,	16 59	
Buff & Burger, plumb bob,	2 00	
Walworth Manufacturing Company, belting, etc.,	3 76	
Charles Holmes & Son, hose, etc.,	17 30	
H. W. Covill, repairs,	1 30	
Joseph Breck & Son, hoes, etc.,	9 52	
Parker & Gannett, plough, etc.,	52 19	
Benj. F. Smith, pump, etc.,	15 00	
S. Pennock & Son, blade for road scraper,	8 00	
Howe & Flint, lantern globes,	75	
H. W. Raymond, hardware, etc.,	23 12	
M. C. Warren, hardware, etc.,	36 34	
Peabody & Whitney, brooms,	9 25	
W. L. Snow, hardware, etc.,	3 28	
Dodge Gilbert & Co., iron, etc.,	69 29	
G. Greenleaf & Co., gravel screens,	15 00	
S. J. Wood, filing saws,	1 75	
White, Wiley & Co., paints,	54 76	
Speare, Gregory & Co., oil,	1 50	
Samuel Walker & Co., oil,	1 94	
Charles A. Small & Co., oil,	8 14	
Rand & Byam, soap,	2 50	
Stickney & Poor, ginger and mustard,	4 98	
Thomas Hollis, drugs,	16 30	
Charles H. Crane, drugs,	6 60	
John C. Howard, drugs,	1 80	
Sturtevant Bros., use of horse,	3 00	
John S. Nason, use of horse,	15 00	
<i>Amounts carried forward,</i>	\$24,517 36	\$35,145 63

<i>Amounts brought forward,</i>	\$24,517 36	\$35,145 63
John S. Nason, horse,	255 00	
Henderson Bros., pung and shafts,	85 00	
W. W. Sawyer, cart,	108 00	
J. H. Hollis, painting,	10 00	
William P. Mitchell, compensation for damage to estate, Gilman St.,	18 00	
S. W. Fuller, lumber,	247 07	
W. M. Hadley, lime, cement, and fuel,	316 33	
Horatio Wellington & Co., fuel,	68 84	
Middlesex Bleachery & Dye Works, ashes,	30 50	
John Turner & Co., paving stone, etc.,	3,769 79	
C. J. Simpson, stone,	333 60	
John Steen, paving stone,	11 50	
J. W. Averill, stone,	21 60	
A. Parker, stone bounds,	50 00	
G. McKenna, stone,	3 60	
Asa Durgin, gravel,	9 00	
C. L. Heywood, gravel,	37 26	
O. S. Foster, paving bricks,	760 50	
W. A. Sanborn & Co., paving bricks,	7 80	
S. M. Fuller, coal,	5 66	
A. F. Colburn, repairing harnesses,	30 05	
Charles B. Stevens, registrar, record- ing releases,	4 50	
A. H. Folsom, photographs,	16 00	
W. C. Crane, premiums of insurance,	15 00	
Town of Winchester, taxes,	10 75	
“ Wakefield, taxes,	27 64	
“ Waltham, taxes,	127 50	
“ Medford, half cost of main- taining Middlesex Avenue bridge in 1881,	373 44	
<i>Amounts carried forward,</i>	<u>\$31,271 29</u>	<u>\$35,145 63</u>

<i>Amounts brought forward,</i>	\$31,271 29	\$35,145 63
Boston and Providence Railroad		
Company, freight,	3 46	
City of Boston, water rates,	75 67	
B. H. Weeks & Co., expressing,	2 15	
Barker & Tibbetts, expressing,	2 90	
Aaron R. Gay & Co., stationery,	53 45	
A. Mudge & Son, printing,	13 50	
J. O. Hayden, printing and adver-		
tising,	73 80	
Dr. James E. Abbott, veterinary ser-		
vices,	100 00	
Sewer Assessment account, assess-		
ment sewer in Bond Street,	90 00	
Sewers account, drain pipe,	12 00	
Water Maintenance account, repair-		
ing hydrants and stand pipes,	36 66	
George W. Prichard, teaming and		
stone,	1,158 18	
William Hamilton, teaming,	117 00	
Henry Gray, “	239 75	
Owen Cunningham, “	534 75	
Martin Gill, “	60 75	
John McCauley, “	112 00	
Jeremiah McCarty, “	474 75	
Christopher Burke, “	139 50	
T. F. Cummings, “	283 50	
George H. Sampson, powder and		
fuse,	26 75	
	<hr/>	
	\$34,881 81	
EXCESS AND DEFICIENCY, balance to credit		
of account,	263 82	
	<hr/>	
		\$35,145 63

INDIGENT SOLDIERS AND SAILORS.

Credit.

APPROPRIATIONS, amount assessed,	\$500 00
STATE OF MASS. (INDIGENT SOLDIERS AND SAILORS), one half of amount paid in 1882, charged to the State,	493 00
	<hr/> \$993 00

Debit.

CASH paid sundry persons,	\$986 00
EXCESS AND DEFICIENCY, balance to credit of account,	7 00
	<hr/> \$993 00

INTEREST.

Credit.

APPROPRIATIONS, amount assessed,	\$70,000 00
CASH, received on deposits in banks,	\$1,451 90
On taxes,	6,705 57
On tax titles released,	161 93
Of State Treasurer, national bank tax,	4,375 15
Corporation tax,	5,623 19
Foreign ships tax,	1,587 89
American Loan and Trust Co., pre- mium on bonds,	16,031 60
Blake Brothers & Co., premium on notes,	20 00
	<hr/> \$35,957 23

Debit.

CASH, paid on Funded Debt: —	
\$72,500, 6 months, at 6½ per cent,	\$2,356 25
\$427,000, 1 year, at 6½ per cent,	27,787 50
\$113,000, 1 year, at 6 per cent,	6,780 00
\$121,000, 1 year, at 5½ per cent,	6,655 00
	<hr/>
<i>Amounts carried forward,</i>	\$43,578 75
	<hr/> \$105,957 23

<i>Amounts brought forward,</i>	\$43,578 75	\$105,957 23
\$516,000, 1 year, at 5 per cent,	25,800 00	
\$38,500, 6 months, at 5 per cent,	962 50	
	<hr/>	
	\$70,341 25	
Less coupons unpaid,	1,062 50	
	<hr/>	
	\$69,278 75	

SUNDRY PERSONS, coupons unpaid as above,	1,062 50	
	<hr/>	
	\$70,341 25	
	<hr/>	
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CASH, paid on Temporary Loans:—

Blake Brothers & Co., commission,	\$15 00	
Boston Five Cents Savings, on note for \$90,000, 6 months, at $4\frac{1}{2}$ per cent,	2,137 50	
Chandler R. Ransom, on note for \$10,000, 6 months, at $4\frac{1}{2}$ per cent,	237 50	
Warren Institution for Savings, on note for \$20,000, 6 months at $4\frac{1}{2}$ per cent,	475 00	
Jacob T. Glines, on note for \$5,000, 6 months, at $4\frac{1}{2}$ per cent,	118 75	
Provident Institution for Savings, on note for \$65,000, 6 months, at $4\frac{1}{2}$ per cent,	1,543 75	
New England Mutual Life Insurance Co., on \$60,000, 1 month 4 days, at 6 per cent,	340 00	
Warren Institution for Savings, on note for \$50,000, 5 months, at $3\frac{1}{2}$ per cent,	729 17	
Boston Five Cents Savings Bank, on note for \$165,000, 4 months 29 days, at $3\frac{5}{8}$ per cent,	2,475 58	
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<i>Amounts carried forward,</i>	\$8,072 25	\$105,957 23
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<i>Amounts brought forward,</i>	\$8,072 25	\$105,957 23
State of Mass., on note of \$25,000,		
8 months, at $3\frac{3}{4}$ per cent,	625 00	
East Cambridge Five Cents Savings		
Bank, on note for \$35,000, 6		
months, at $3\frac{1}{2}$ per cent,	612 50	
	<hr/>	
	\$9,309 75	
	<hr/>	
ON FUNDED DEBT,	\$70,341 25	
ON TEMPORARY LOANS,	9,309 75	
	<hr/>	
	\$79,651 00	
Health Department, transferred,	200 00	
Highways, transferred,	1,000 00	
Public Park maintenance, transferred,	50 00	
School contingent, transferred,	200 00	
School fuel, transferred,	1,000 00	
School teachers' salaries, transferred,	2,200 00	
School-house incidentals, transferred,	750 00	
Sidewalks, transferred,	1,200 00	
Street lights, transferred,	200 00	
Support of poor, transferred,	1,000 00	
Water maintenance, transferred,	500 00	
	<hr/>	
	\$87,951 00	
EXCESS AND DEFICIENCY, amount to credit		
of account,	18,006 23	
	<hr/>	
		\$105,957 23
		<hr/>

MISCELLANEOUS.

Credit.

APPROPRIATIONS, amount assessed,		\$7,000 00
CASH, costs on property sold and pre-		
pared for sale for non-payment		
of taxes and assessments,	\$1,107 54	
	<hr/>	
<i>Amounts carried forward,</i>	\$1,107 54	\$7,000 00

<i>Amounts brought forward,</i>	\$1,107 54	\$7,000 00
Costs on tax titles released,	47 10	
REAL ESTATE LIENS, costs on titles to the city, on property deeded for non- payment of taxes and assessments,	102 70	
CASH, received of City Clerk, fees for —		
Marriage certificates,	\$133 00	
Junk licenses,	86 00	
Auctioneers' licenses,	16 00	
Victuallers' licenses,	4 00	
Licensing dogs,	114 80	
Recording mortgages and assignments,	210 67	
Total amount	564 47	
M. R. Warren, return on stationery bill,	2 00	
Jairus Mann, return on refreshment bill,	7 75	
Sears Condit, pasturage,	5 00	
John N. Ball, advertising hearing,	3 00	
F. Carl, advertising hearing,	3 00	
G. H. Derby, advertising hearing,	3 60	
Allen Bros., advertising hearing,	3 60	
		1,849 76
		<hr/> \$8,849 76
	Debit.	
CASH paid —		
J. O. Hayden & Co., printing annual reports,	\$619 05	
Advertising ordinances,	370 50	
Advertising tax sales,	387 62	
Advertising and printing, etc.,	978 00	
Alfred Mudge & Son, printing ordi- nances,	556 03	
Aaron R. Gay & Co., stationery,	758 27	
M. R. Warren, stationery,	73 54	
Hooper, Lewis & Co., stationery,	13 00	
J. A. Cummings & Co., record book,	6 00	
J. H. Bufford's Sons, printing bonds,	135 00	
<i>Amounts carried forward,</i>	\$3,897 01	\$8,849 76

<i>Amounts brought forward,</i>	\$3,897 01	\$8,849 76
Harrison, Beard & Co., desk, chair,		
etc.,	99 00	
George F. Conant, table,	8 00	
Aaron Sargent, stamp, and prepar-		
ing appendix, 1881,	119 17	
Bishop Bros., ladder,	2 40	
E. C. Cobb, crape badges,	3 00	
Seward Dodge, blacksmithing,	1 03	
S. J. Wood, repairing locks and fit-		
ting keys,	15 70	
Cambridge Gas Light Company, gas,		
City Hall,	352 57	
Frank A. Titus, burners and globes,	6 75	
James Bartley, oil, matches, soap, etc.,	24 56	
J. H. Brooks & Co., brushes, towels,		
etc.,	4 40	
Thomas Hollis, glycerine, chamois,		
etc.,	6 87	
Elijah Walker, carpenter work,	5 00	
Leander Greeley, “	10 53	
Leonard Arnold, “	18 50	
G. W. Lawson, “	53 60	
George W. Trefren, “	128 98	
A. W. Berry, “	4 25	
R. A. Melvin, “	52 10	
J. Q. Twombly, painting,	35 10	
Howe & Flint, engineers' materials, etc.,	8 90	
Frost & Adams, “	77 57	
Pulsifer, Jordan & Wilson, “	13 85	
H. W. Raymond, “	26 16	
Buff & Bergen, repairing engineers'		
instruments,	20 60	
John Harwood, repairing engineers'		
instruments,	2 75	
<i>Amounts carried forward,</i>	<hr/> \$4,998 35	<hr/> \$8,849 76

<i>Amounts brought forward,</i>	\$4,998 35	\$8,849 76
Engineers' assistants, car fares, etc.,	12 07	
A. W. Mitchell, rubber stamps,	9 75	
Murphy, Leavens & Co., feather dusters,	7 33	
Bakers & Humphry, bunting, etc.,	13 01	
James F. Davlin, plumbing,	9 19	
J. A. Durell, use of stove, lamps, etc.,	5 00	
Horatio Wellington & Co., fuel,	24 00	
W. M. Hadley, fuel,	164 75	
H. D. & W. S. Durgin, ice,	50 00	
A. S. Pratt & Co., counterfeit de- tector,	3 00	
G. T. Burnham, door spring,	7 75	
W. J. London, expressing,	15 40	
Charles E. Gilman, stamps, express- ing, etc.,	21 74	
Suburban Telephone Company, rent of instruments to Sept. 1, 1883,	106 56	
Connections and repairs,	3 80	
W. H. Whitcomb, labor at City Hall,	35 50	
J. H. Smith, labor at City Hall,	27 50	
L. M. Maynard, labor at cemetery,	12 00	
Highways account, labor at City Hall grounds,	3 50	
Constructing path across Cen- tral Hill,	82 08	
Jairus Mann, amount paid by him for expenses of city government to Mystic Water Works,	193 00	
Expenses, Steamer "Empire State,"	38 50	
Watching at City Hall,	52 50	
Repairing flag,	6 00	
Witness fees,	15 75	
<i>Amounts carried forward,</i>	\$5,918 03	\$8,849 76

<i>Amounts brought forward,</i>	\$5,918 03	\$8,849 76
Jairus Mann, washing,	15 00	
C. M. Blake, newspapers,	6 75	
G. W. Manning, labor on flag-staff,	45 00	
Joel Goldthwait & Co., carpets and mats,	96 87	
Silas D. Carter, refreshments,	65 00	
Sturtevant Bros., poultry for Thanks- giving distribution,	150 00	
A. L. Sanborn, carriage hire,	5 00	
W. J. Savage, compensation for damage to horse,	100 00	
S. H. Libby, services as auctioneer,	29 90	
Henry Shaw, posting,	12 05	
Chas. B. Stevens, registrar, recording deeds,	20 25	
F. G. Williams, affidavits of posting,	84 50	
Return of births,	160 00	
H. B. Runey, return of deaths,	33 75	
J. W. Coveney, return of deaths,	5 25	
Clerk of courts, court fees, etc.,	4 30	
Samuel C. Darling, court fees, etc.,	79 47	
L. L. Parker, sheriff's fees,	6 50	
W. C. Crane, premium of insurance,	89 99	
City of Boston, water rates,	50 00	
F. D. Daniels, door-keeper for assessors,	15 00	
R. F. Thompson, care of ward room,	8 00	
P. H. Keefe, care of ward room,	10 00	
J. M. Coburn, care of ward room,	12 00	
Thomas G. Temple, rent for ward room,	15 00	
Daniel Swan, rent for ward room,	8 00	
Chas. A. Small, pound keeper, 1881 and 1882,	50 00	
Noah Harding, sealer of weights and measures,	100 00	
<i>Amounts carried forward,</i>	<hr/> \$7,195 61	<hr/> \$8,849 76

<i>Amounts brought forward,</i>	\$7,195 61	\$8,819 76
Ward officers, 1881,	25 00	
Ward officers, 1882,	127 00	
E. G. Dodge, ringing bell,	6 00	
J. E. Marden, “	6 00	
Alden N. Sibley, “	6 00	
Jairus Mann, “	3 00	
W. H. Whitcomb, “	3 00	
Sewer Assessment account, assess- ment, Joy Street,	20 72	
H. Partridge & Co., flags,	\$3 95	
L. H. Brown, hacks and barges,	56 00	
H. A. Carney, flowers,	64 00	
T. J. McCormick, refresh- ments,	60 00	
Somerville band, music,	75 00	
Henry Hadley, musical director,	20 50	
J. O. Hayden & Co., pro- grammes, etc.,	15 50	
APPROPRIATION for Memorial Day,	294 95	
EXCESS AND DEFICIENCY, balance to credit of account,	1,162 48	
	<hr/>	<hr/> <hr/> \$8,849 76

HIGHWAY BETTERMENT ASSESSMENTS.

Credit.

CASH, received of sundry persons, assess- ments,	\$61 88	
REAL ESTATE LIENS, title to the city for non-payment of assessments,	903 40	
BALANCE, to debit in account 1883,	979 98	
	<hr/>	<hr/> \$1,945 26
<i>Amount carried forward,</i>		\$1,945 26

Amount brought forward, \$1,945 26

Debit.

BALANCE, from 1881, \$1,945 26

OVERLAY AND ABATEMENT.**Credit.**

TAXES, amount added to the amount of
taxes assessed, as fractional divisions,
for convenience in the apportionment, \$6,352 97
BALANCE from 1881, 49 62
CASH, received of sundry persons for taxes
previously abated, 35 56

\$6,438 15

EXCESS AND DEFICIENCY, balance to debit
of account, 1,190 93

\$7,629 08

Debit.

TAXES, for abatement on taxes, \$7,629 08

OVERPLUS ON TAX SALES.**Credit.**

BALANCE, from 1881, \$67 00
CASH, received over taxes and costs on real estate
sold for non-payment of taxes for 1880, 358 13

\$425 13

Debit.

CASH, paid sundry persons, overplus
received on sale of their estates, \$236 00
BALANCE, to credit in account of 1883, 189 13

\$425 13

PROPERTY AND DEBT BALANCE.

Credit.

RENEWAL OF FUNDED DEBT, amount of debt paid in	
1882,	\$182,500 00
BALANCE, to debit in account of 1883,	430,000 00
	<hr/>
	\$612,500 00

Debit.

BALANCE, from 1881,	\$430,000 00
APPROPRIATIONS,	182,500 00
	<hr/>
	\$612,500 00
	<hr/>

PUBLIC PROPERTY.

Credit.

BALANCE, to debit in account 1883,	\$1,155,000 00
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Debit.

BALANCE, from 1881,	\$1,155,000 00
	<hr/>

PUBLIC PARK.

Credit.

BALANCE, to debit in account 1883,	\$351 32
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Debit.

BALANCE, from 1881,	\$351 32
	<hr/>

PUBLIC PARK MAINTENANCE.

Credit.

APPROPRIATIONS, amount assessed,		\$1,500 00
CASH, received for grass,	\$12 00	
Received for damage to shrub,	1 25	
	<hr/>	13 25
INTEREST, transferred,		50 00
		<hr/>
Amount carried forward,		\$1,563 25

Amount brought forward, \$1,563 25

Debit.

CASH, paid M. W. Murphy, labor etc.,	\$819 87
William Murphy, labor,	245 25
D. Foley, labor,	94 50
G. W. Prichard, filling material, etc.,	128 54
T. Murphy, plants and trees,	79 50
Joseph Breck & Sons, seeds and re- pairing mower,	26 25
T. F. Crimmings, manure,	38 50
M. J. McCarty, use of horse,	12 25
E. R. Perham, expressing,	1 50
J. G. Gallishaw & Co., painting signs, etc.,	16 55
A. Fisher, selling glass,	1 50
D. Fitzgerald, repairing seats,	2 00
J. A. Durell, repairing fountain,	8 20
John F. Ayer, lumber,	12 82
W. M. Hadley, coal,	10 70
Highways account, sods and labor,	16 23
	<hr/>
	\$1,514 16

EXCESS AND DEFICIENCY, balance to
credit of account, 49 09

\$1,563 25

PUBLIC LIBRARY.

Credit.

APPROPRIATIONS, amount assessed,	\$1,500 00
CASH, received of county treasurer, return on dog licenses for 1881,	\$1,018 37
Librarian, for fines,	236 71
Catalogues,	28 80
	<hr/>
	1,283 88
<i>Amount carried forward,</i>	<hr/>
	\$2,783 88

Amount brought forward,

\$2,783 88

Debit.

CASH, paid Lockwood, Brooks & Co.,		
books, etc.,	\$536 60	
Estes & Lauriat, books,	219 07	
Thomas Groom, book,	3 75	
A. Williams & Co., books,	122 76	
Little, Brown & Co., books,	6 00	
N. J. Bartlett, books,	6 74	
Willard Small, books,	72 99	
F. Leypoldt, library journal,	3 00	
New England Publishing Company,		
directory,	1 00	
Rockwell & Churchill, catalogues,	113 50	
Ira Bradley & Co, binding books,	55 44	
Babb & Stephens, printing slips,		
cards, etc.,	213 50	
Harriet A. Adams, librarian,	700 00	
Lizzie Stevens, assistant librarian,	330 50	
Georgette Colman, “	168 91	
Lucia Manning, “	39 00	
Ida Fillebrown, “	38 82	
Ernest Merrett, “	26 96	
W. J. London, expressing,	24 50	
Bancroft's Express, “	55	
		\$2,683 59
BALANCE, to credit in account 1883,		100 29
		<u>\$2,783 88</u>

POLICE.

Credit.

APPROPRIATIONS, amount assessed,		\$22,500 00
CASH, received of Lebbeus Stetson, clerk		
of the court, for officers' fees, etc.,	\$664 80	
<i>Amounts carried forward,</i>	<u>\$664 80</u>	<u>\$22,500 00</u>

<i>Amounts brought forward,</i>	\$664 80	\$22,500 00
Herbert A. Chapin, clerk of the court, for officers' fees, etc.,	447 10	
Massachusetts General Hospital, for services of officers,	110 00	
	<hr/>	1,221 90
		<hr/>
		\$23,721 90

Debit.

CASH, paid M. C. Parkhurst, chief,	\$1,400 00
R. R. Perry, captain,	1,100 00
Samuel B. Dow, sergeant,	950 00
C. C. Folsom, “	950 00
S. A. Brown, patrolman,	912 50
Geo. W. Bean, “	912 50
Geo. A. Bodge, “	912 50
N. F. Caswell, “	912 50
C. C. Cavanagh, “	912 50
Isaac S. Campbell, “	897 50
Albert Fisk, “	912 50
J. E. Fuller, “	912 50
John Hafford, “	912 50
M. H. Kingsley, “	912 50
Dennis Kelley, “	912 50
Ivan Loughton, “	912 50
Howard Lowell, “	912 50
Edward McGarr, “	912 50
J. W. Oliver, “	912 50
S. C. Rollins, “	912 50
F. W. Slade, “	912 50
A. L. Staples, “	912 50
P. W. Skinner, “	912 50
J. B. Young, “	912 50
M. C. Parkhurst, lock-up keeper,	200 00
Amount paid carriage hire, etc.,	40 50

<i>Amounts carried forward,</i>	\$22,875 50	\$23,721 90
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<i>Amounts brought forward,</i>	\$22,875 50	\$23,721 90
C. C. Folsom, amount paid transportation of prisoners, etc.,	33 20	
C. C. Cavanagh, amount paid transportation of prisoners,	1 50	
Howard Lowell, amount paid transportation of prisoners,	19 55	
H. K. Parsons, transportation of prisoners,	2 00	
R. R. Perry, railroad fares,	6 60	
F. W. Slade, car fares,	9 60	
N. F. Caswell, amount paid for carriage hire,	13 00	
H. Record, carriage hire,	1 50	
L. H. Brown, “	19 50	
A. L. Sanborn, “	10 00	
“ horse keeping,	216 67	
H. W. Raymond, horse blanket,	1 50	
Charles Magnire, horseshoeing,	3 90	
Seward Dodge, “	3 50	
Edward O'Brien, “	11 25	
N. L. Pennock, repairing equipments,	3 50	
Silas D. Carter, meals furnished,	4 00	
T. J. McCormick, “	70	
Sturtevant Bros., cheese, etc.,	2 74	
Scovill Manufacturing Company, gilt buttons,	13 50	
J. W. Brine, ornaments for hats,	6 87	
Pollard & Alford, wreaths,	12 00	
Bent & Bush, “	2 00	
Telephone Despatch Company, messages and connections,	10 90	
Suburban Telephone Company, connections,	1 45	
<i>Amounts carried forward,</i>	<hr/> \$23,286 43	<hr/> \$23,721 90

<i>Amounts brought forward,</i>	\$23,286 43	\$23,721 90
W. A. Bell, medical attendance on paupers,	4 00	
Sarah Keith, washing,	31 26	
J. O. Hayden, stationery and printing,	12 50	
M. R. Warren, stationery and stamps,	18 78	
Little, Brown & Co., public statutes,	2 85	
C. M. Blake & Co., newspapers,	11 25	
R. Keefe, photographing prisoners,	8 00	
H. D. & W. S. Durgin, ice,	30 00	
Jordan, Marsh & Co., blankets,	3 75	
	<hr/>	
	\$23,408 82	
EXCESS AND DEFICIENCY, balance to credit of account,	313 08	
	<hr/>	
		\$23,721 90
		<hr/>

POLICE STATION INCIDENTALS.

Credit.

APPROPRIATIONS, amount assessed,		\$2,000 00
CASH, received of—		
Post 139, G. A. R., rent of hall,	\$135 00	
R. A. Vinal H. & L. Co., use of hall,	21 00	
St. Joseph's Court, M. C. O. F., for use of hall,	24 00	
James B. Hardy, for use of hall,	122 00	
Ladies' Relief Corps for use of hall,	50 00	
Woman's State Relief Corps, for use of hall,	17 00	
Charity Club, for use of hall,	15 00	
Prospect Council, L. of H., for use of hall,	50 00	
	<hr/>	
<i>Amounts carried forward,</i>	\$434 00	\$2,000 00

<i>Amounts brought forward,</i>	\$434 00	\$2,000 00
Washington Council Home Circle,		
for use of hall,	12 00	
Rev. N. K. Bishop, for use of hall,	10 00	
Mrs. Chandler, for use of hall,	36 00	
Wm. E. Weld, for use of hall,	1 00	
Somerville Encampment, I. O. of		
O. F., for use of hall,	96 00	
Somerville Co-operative Savings		
Fund and Loan Association, use of		
court-room,	36 00	
	<hr/>	625 00
		<hr/>
		\$2,625 00

Debit.

CASH, paid William D. Hayden, janitor,	\$762 00	
Oil for carburetter,	185 00	
Cambridge Gas Light Co., gas,	224 84	
Horatio Wellington & Co., fuel,	21 98	
W. M. Hadley, fuel,	346 17	
L. Arnold, carpenter work,	30 75	
R. A. Melvin, carpenter work,	8 60	
Edward Earley, slating, etc.,	39 34	
Union Glass Co., globes,	3 00	
John C. Newcomb, repairing chairs,	4 00	
Daniel Brooks, mason work,	221 81	
James F. Davlin, plumbing,	26 76	
Howe & Flint, hardware, etc.,	26 02	
H. W. Raymond, hardware, dusters,		
etc.,	33 41	
Giles & Prescott, library table,	9 00	
F. Geldowsky, book-case,	47 00	
J. J. Giles, carpets,	219 61	
A. J. Wilkinson, door spring,	6 50	
James Bartley, blacking, etc.,	45	
George H. Cowdin, paraffine, etc.,	3 09	
	<hr/>	
<i>Amounts carried forward,</i>	\$2,219 33	\$2,625 00

<i>Amounts brought forward,</i>	\$2,219 33	\$2,625 00
S. J. Wood, fitting keys,	3 00	
W. C. Crane, premium of insurance,	20 00	
Sturtevant Bros., matches, etc.,	13 05	
Seward Dodge, manure,	4 00	
George H. Cowdin, sponges, etc.,	4 17	
	<hr/>	
	\$2,263 55	
EXCESS AND DEFICIENCY, balance to credit of account,	361 45	
	<hr/>	
		<u>\$2,625 00</u>

REAL ESTATE LIENS.

Credit.

CASH, received of sundry persons for tax titles released,		\$1,070 66
Overlay and abatement for deficiency in sale of perfect titles,		76 60
BALANCE to debit in account of 1883,		3,327 45
		<hr/>
		\$4,474 71

Debit.

BALANCE, from 1882,	\$2,007 30	
TAXES, titles deeded to the city for non- payment of taxes,	483 23	
SEWER ASSESSMENTS, title deeded to the city for non-payment of sewer as- sessments,	32 50	
HIGHWAY BETTERMENT ASSESSMENTS, title deeded to the city for non-payment of highway betterment assess- ments,	903 40	
PUBLIC PARK BETTERMENT ASSESSMENTS, title deeded to the city for non- payment of Public Park better- ment assessments,	786 91	
	<hr/>	
<i>Amounts carried forward,</i>	\$4,213 34	<u>\$4,474 71</u>

<i>Amounts brought forward,</i>	\$4,213 34	\$4,474 71
INTEREST, on titles deeded to the city,	158 77	
MISCELLANEOUS, costs on titles deeded to the city,	102 60	
	<hr/>	<hr/> <hr/> 4,474 71

RENEWAL OF FUNDED DEBT.

Credit.

APPROPRIATIONS, amount authorized by loans,	\$182,500 00
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Debit.

PROPERTY AND DEBT BALANCE, amount of the funded debt paid 1882,	\$182,500 00
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SALARIES.

Credit.

APPROPRIATION, amount assessed,	\$18,000 00
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Debit.

CASH, paid John A. Cummings, Mayor,	\$1,000 00	
Charles E. Gilman, city clerk,	2,100 00	
John F. Cole, city treasurer,	3,000 00	
George A. Kimball, city engineer,	2,000 00	
Samuel C. Darling, city solicitor,	1,100 00	
J. F. Couch, city physician,	87 50	
T. M. Durell, city physician,	612 50	
Douglas Frazar, city auditor,	300 00	
Clerk of Common Council,	200 00	
George I. Vincent, clerk of assessors and committees,	1,600 00	
William P. Mitchell, assistant com- mittees,	666 67	
Jairus Mann, city messenger,	1,300 00	
Aaron Sargent, Treasurer of Com- missioners of Sinking Funds,	200 00	
	<hr/>	<hr/> <hr/>
<i>Amounts carried forward,</i>	\$14,166 67	\$18,000 00

<i>Amounts brought forward,</i>	\$14,166 67	\$18,000 00
Thomas Cunningham, assessor,	500 00	
S. H. Libby, “	500 00	
George W. Hadley, “	500 00	
D. Brooks, assistant assessor,	200 00	
B. F. Thompson, assistant assessor,	200 00	
R. A. Melvin, “ “	200 00	
W. A. Muzzey, “ “	200 00	
Engineer's assistants,	1,197 87	
David A. Sanborn, inspector of buildings,	200 00	
	<hr/>	
	\$17,864 54	
EXCESS AND DEFICIENCY, balance to credit of account,	135 46	
	<hr/>	
		\$18,000 00
		<hr/>

SCHOOL CONTINGENT.

Credit.

APPROPRIATIONS, amount assessed,		\$9,000 00
CASH received of E. L. Baldwin, tuition of non-resident pupils,	\$40 00	
George R. Titus, tuition of non- resident pupils,	109 00	
S. A. Holt, tuition of non-resident pupils,	30 00	
Thomas Woodworth, tuition of non- resident pupils,	8 00	
E. A. Jameson, tuition of non-resi- dent pupils,	25 00	
Francis Hollis, tuition of non-resident pupils,	36 50	
	<hr/>	
		248 50
INTEREST, transferred,		200 00
		<hr/>
<i>Amount carried forward,</i>		\$9,448 50

Amount brought forward,

\$9,448 50

Debit.

CASH, paid Joshua H. Davis, salary as superintendent of schools,	\$1,800 00
Janitors,	3,315 86
William H. Brine, truant officer,	300 00
Jairus Mann, " "	49 93
William H. Brine, travelling ex- penses,	2 30
City of Boston, water rates,	513 77
City of Cambridge, "	24 00
Cambridge Gas Light Company, gas,	45 05
Charlestown Gas Company, gas,	58 25
James M. Coburn, rent and fuel,	185 79
J. W. C. Gilman, writing books, etc.,	339 85
Boston School Supply Company, books, etc.,	30 45
E. G. Dodge, books, etc.,	17 78
Ivison, Blakeman, Taylor & Co., books, etc.,	30 00
E. D. Daniels, books, etc.,	330 68
Thomas Brown & Co., books, etc.,	22 50
D. H. Dimond, "	50 61
J. C. Howard, "	9 31
George W. Bartlett, "	53 47
J. L. Hammett, stationery, etc.,	43 55
R. B. Davis & Co., "	12 50
George A. Smith & Co., "	10 03
Knight, Adams & Co, "	848 41
George B. King, printing pro- grammes,	31 00
J. O. Hayden & Co., printing, etc.,	314 35
N. S. Dearborn, diplomas,	82 35

Amounts carried forward,

\$8,521 79

\$9,448 50

<i>Amounts brought forward,</i>	\$8,521 79	\$9,448 50
Aaron R. Gay & Co., record book,		
etc.,	12 50	
Charles C. Gerry, erasers, etc.,	37 96	
R. M. Pulsifer, advertising,	2 25	
Fred. R. Cutter, repairing clocks,	1 25	
J. A. McKenna, tuning piano,	1 50	
R. Bickford, “	2 00	
E. S. Daniels, “	5 00	
George O. Brown, “	4 00	
Charles Holmes & Son, lamps, etc.,	30 52	
Murphy, Leavens & Co., dusters, etc.,	167 95	
Union Glass Company, chemical ap- paratus,	10 28	
Thomas Hollis, sponges, etc.,	2 60	
P. Lynam & Son, mats,	99 68	
H. W. Covell & Co., tin pails,	3 30	
George H. Hills & Co., snow shovels,	4 70	
Williams & Butler, drinking cups,	17 50	
Oscar F. Howe, brooms, etc.,	22 18	
W. L. Snow, hardware, etc.,	5 83	
Whitaker & Cheney, sal-soda,	80	
Rand & Byam, soft soap,	15 74	
Chase & Spaulding, “	3 00	
D. B. Brooks & Co., ink,	60 00	
F. P. Hudson, book racks,	2 00	
R. A. Stevens, carpenter work,	5 50	
Jackson, Caldwell & Co., carpet,	5 00	
S. J. Wood, fitting keys,	75	
J. O. Frost, table,	10 00	
H. G. Whitcomb, school furniture,	45 06	
Moore, Spaulding & Co., ribbon for diplomas,	2 50	
J. S. Hayes, amount paid for ribbon, etc.,	6 87	
<i>Amounts carried forward,</i>	<hr/> \$9,110 01	<hr/> \$9,448 50

<i>Amounts brought forward,</i>	\$9,110 01	\$9,418 50
George E. Nichols, travelling ex-		
penses,	5 90	
C. M. Smith, travelling expenses,	3 20	
H. M. Pitman, “	3 50	
G. A. Southworth, “	20 02	
J. H. Davis, “	29 48	
School Committee, “	20 25	
Thomas Young, flowers,	4 35	
Willard C. Kinsley Relief Corps,		
amount paid for moving piano,	3 00	
L. L. Wilder, use of Clarendon Hall,	5 00	
W. L. Snow & Co., plumbing,	16 25	
H. M. Weld & Co., carriage hire,	6 00	
D. H. Rinn, labor,	4 00	
P. H. Keefe, “	2 00	
B. F. Sheridan, labor,	5 00	
Coverly's Express, expressing,	1 25	
Bancroft's Express, “	75	
Thorp's Express, “	3 25	
E. R. Perham, “	21 65	
James Gwinn, “	20 00	
B. H. Weeks, “	27 00	
Barker & Tibbetts, “	6 50	
	<hr/>	
	\$9,318 36	
EXCESS AND DEFICIENCY, balance to credit		
of account,	130 14	
	<hr/>	
		\$9,448 50
		<hr/>

SCHOOL FUEL.

Credit.

APPROPRIATIONS, amount assessed,	\$3,500 00
INTEREST, transferred,	1,000 00
	<hr/>
<i>Amount carried forward,</i>	\$4,500 00

Amount brought forward, \$4,500 00

Debit.

CASH, paid Horatio Wellington & Co.,		
fuel,	\$901 46	
W. M. Hadley, fuel,	3,391 95	
J. O. Hayden & Co., advertising,	7 20	
Boston Daily Advertiser, “	8 50	
Journal Newspaper Co., “	9 00	
	<hr/>	
	\$4,318 11	
EXCESS AND DEFICIENCY, balance to credit		
of account,	181 89	
	<hr/>	
		<u>\$4,500 00</u>

SCHOOL-HOUSE INCIDENTALS.

Credit.

APPROPRIATIONS, amount assessed,		\$6,500 00
CASH, received of H. T. Allen and others,		
use of High School Hall,	\$15 00	
Unitarian Society, use of High		
School Hall,	44 00	
A. W. Newcomb, use of High		
School Hall,	20 00	
L. Gaffney, use of High School Hall,	9 00	
Somerville Band, use of High School		
Hall,	10 00	
High School Association, use of High		
School Hall,	60 00	
G. W. Gardner, use of High School		
Hall,	5 00	
F. W. Ford, use of High School Hall,	7 00	
Paul Revere Lodge, I. O. O. F., use		
of High School Hall,	12 00	
	<hr/>	
<i>Amounts carried forward,</i>	\$182 00	<u>\$6,500 00</u>

<i>Amounts brought forward,</i>	\$182 00	\$6,500 00
Joseph Young, use of High School Hall,	5 00	
Mrs. Douglas Frazar, use of High School Hall,	5 00	
Mrs. J. C. Howard, use of High School Hall,	25 00	
Robert Luce, use of High School Hall,	15 00	
Graduating Class High School, use of High School Hall,	1 00	
Graduating Class Morse School, use of High School Hall,	1 00	
J. B. Hardy, use of High School Hall,	33 00	
Miss Stella King, use of High School Hall,	10 00	
Thomas Miller and others, use of High School Hall,	160 00	
Mrs. Galvin, use of High School Hall,	15 00	
Nellie A. Bradhaw, use of Forster Hall,	15 00	
Robert Thompson, use of Forster Hall,	5 00	
Edmund Davis, use of Forster Hall,	2 00	
H. Damon, " "	5 00	
Ira F. Burnham, water-closet,	5 00	
Edgerly School-house Addition account, second-hand desks,	272 00	
	<hr/>	\$756 00
INTEREST, transferred,		750 00
		<hr/>
<i>Amount carried forward,</i>		\$8,006 00

Amount brought forward,

\$8,006 00

Debit.

CASH, paid John D. Hills, carpenter

work,	\$286 81
T. B. Blaikie, carpenter work,	74 77
Elijah Walker, “	342 74
Ira F. Burnham, “	365 15
Wm. A. Muzzey, “	78 32
T. G. Dean, “	4 00
M. R. Sweatt, “	299 65
R. A. Melvin, “	792 47
C. A. Dodge, “	34 15
D. Brooks, mason work,	1,049 44
D. P. Bucknam, “	149 40
J. M. Burckes, “	3 50
R. A. Hines & Son, mason work,	3 00
J. H. Hollis, painting,	1 60
J. Q. Twombly, “	279 85
A. Fisher, “	210 33
J. C. Dyer, “	53 57
Thomas P. Ryan, “	35 25
A. S. Arnold, glazing,	5 00
F. W. Johnson, “	17 42
J. A. Durell, plumbing, etc.,	27 05
A. H. Sanborn, plumbing,	2 83
C. A. Legallee, “	73 95
Edward Earley, slating,	59 70
L. A. Seavey, “	60 06
A. A. Sanborn, steam fitting,	167 01
J. A. Merryfield, stove work, etc.,	104 85
J. C. Parsons, “	128 71
Charles Holmes & Son, “	114 28
Howe & Flint, “	129 02
M. C. Warren & Co., hardware,	8 88

Amounts carried forward,

\$4,962 76

\$8,006 00

<i>Amounts brought forward,</i>	\$4,962 76	\$8,006 00
H. W. Raymond, hardware,	26 43	
Highland Foundry Company, repair- ing furnaces,	52 10	
A. F. Carpenter, brooms, etc.,	1 17	
Bishop & Bros., clothes dryer, etc.,	14 00	
Densmore & Brackett, blinds,	15 00	
J. L. Hammett, blackboards, etc.,	22 45	
J. A. Swasey, “	37 89	
G. M. D. Fernald, gongs,	62 00	
S. B. Manning, repairing clocks,	11 10	
E. S. Bailey, “	16 00	
J. W. Legallee, paper hanging,	23 59	
Brintnell & Osgood, “	29 89	
A. G. Whitcomb, furniture,	429 12	
Giles & Prescott, office chairs,	3 00	
J. S. Merrill & Son, window shades,	6 40	
Frank A. Titus, gas fixtures,	2 00	
Boston Belting Company, hose and couplings,	6 00	
S. J. Wood, fitting keys,	3 10	
C. H. North & Co., fertilizer,	5 26	
T. Murphy, trees,	54 00	
Highways account, labor and mate- rials,	497 25	
Water Services account, valve,	3 00	
Sidewalk Assessment account, side- walk, Vinal Avenue,	62 54	
Sturtevant Bros., sawdust,	25	
W. C. Crane, premium of insurance,	300 75	
W. B. Hastings, “ “	75 00	
Isaac B. Kendall, “ “	329 25	
Dexter F. Bennett, “ “	199 75	
C. S. Robinson, “ “	31 50	
C. Bennett & Son, “ “	148 50	
<i>Amounts carried forward,</i>	\$7,431 05	\$8,006 00

<i>Amounts brought forward,</i>	\$7,431 05	\$8,906 00
Chas. Robinson, Jr., rent,	150 00	
Cambridge Gas Light Company, gas,	132 80	
Robert Thompson, labor,	2 00	
Joseph Young, “	24 00	
James M. Coburn, “	4 55	
D. H. Rinn, “	2 50	
W. H. Denton, “	16 00	
Wm. H. Whitcomb, “	1 00	
Andrew Haley, “	2 25	
H. M. Weld & Co., carriage hire,	6 00	
Barker & Tibbetts, expressing,	85	
Thorp's Express, expressing,	3 25	
C. C. Beals, manure,	3 00	
Russell Fitch, removing night soil,	87 50	
	<hr/>	
	\$7,866 75	
EXCESS AND DEFICIENCY, balance to		
credit of account,	139 25	
	<hr/>	
		\$8,006 00

SCHOOL TEACHERS' SALARIES.

Credit.		
APPROPRIATIONS, amount assessed,		\$63,000 00
INTEREST, transferred,		2,200 00
		<hr/>
		\$65,200 00
Debit.		
CASH, paid salaries,	\$65,037 02	
EXCESS AND DEFICIENCY, balance to credit		
of account,	162 98	
	<hr/>	
		\$65,200 00

SEWERS.

Credit.	
APPROPRIATION, amount assessed,	\$14,000 00
<i>Amount carried forward,</i>	<hr/>
	\$14,000 00

<i>Amount brought forward,</i>		\$14,000 00
CASH, received of Daniel T. Callahan, for permission to enter Russell Street sewer,	\$25 12	
Massachusetts General Hospital, second annual payment for per- mission to enter Fitchburg Street sewer,	50 00	
Charles A. Mongan, building manhole,	38 00	
James Gavin, labor, clearing drain,	2 00	
James Doherty, 1st, part cost of constructing drain in passageway off Chestnut Street,	8 43	
James Doherty, 2d, part cost of con- structing drain in passageway of Chestnut Street,	8 43	
Michael Mahan, part cost of con- structing drain in passageway off Chestnut Street,	8 43	
Highways account, Akron pipe,	12 00	
Water maintenance, “	2 52	
Sidewalks account, catch-basin curbs,	39 52	
		194 45
SEWER ASSESSMENTS, assessment levied,		9,134 50
		<hr/> \$23,328 95

	Debit.		
CASH, paid laborers,	\$4,021 98		
Howe & Flint, pipe, etc.,	2,509 00		
Chas. Holmes & Son, pipe, etc.,	1,308 90		
David N. Lewis, “	495 99		
J. B. Hoxie & Co., “	139 68		
Horatio Wellington & Co., cement,	181 80		
Fiske & Colman, “	18 50		
Osgood & Hart, castings,	373 79		
W. O. Barbour & Co., castings,	35 00		
Edw. A. Foster, bricks,	496 50		
<i>Amounts carried forward,</i>	\$9,581 14	\$23,328 95	

<i>Amounts brought forward,</i>	\$9,581 14	\$23,328 95
A. Parker, catch-basin stone,	233 00	
City of Cambridge, five ninths of cost repairing Bridge Street sewer,	328 05	
Seward Dodge, blacksmithing,	44 25	
Leander Greeley, lumber, etc.,	11 85	
E. D. Sawyer & Co., lumber, etc.,	81 96	
S. W. Fuller, lumber, etc.,	2 98	
H. W. Raymond, hardware,	54 17	
Fire Department account, leather hose,	24 00	
Hunneman & Co., “	18 50	
Boston Packing Co., rubber packing,	15 66	
Aaron R. Gay & Co., books and stationery,	31 15	
Charles E. Smith, use of boat and services,	33 50	
Dennis O'Connell, labor,	2 00	
Thomas F. Farrington, labor and material on tool house,	43 00	
Water maintenance, repairing pipe and half cost of blow-offs,	46 15	
J. Q. Twombly, glazing,	2 25	
Philip Eberle, rubber boots,	23 00	
James Bartley, oil, etc.,	4 99	
C. L. Stevens, “	40	
M. Buttimer, use of tools, etc.,	13 40	
Charles River Street Railway Com- pany, part cost of catch-basin,	25 75	
J. Leland, box, etc.,	1 25	
E. Cunningham, stone cutting,	3 50	
City of Boston, water rates,	25 00	
Michael Condon, car fares,	3 75	
Barker & Tibbetts, expressing,	50	
A. M. Prescott, “	50	
<i>Amounts carried forward,</i>	<hr/> \$10,655 65	<hr/> \$23,328 95

<i>Amounts brought forward,</i>	\$10,655 65	\$23,328 95
Charles A. Mongan, constructing sewer in Cross Street,	390 70	
Sewer in Elliot Street,	124 70	
“ Rush Street,	290 80	
“ Cottage Avenue,	219 53	
Maurice Terry, constructing sewer in Ashland Street,	235 85	
John J. Dorey, constructing sewer in Jaques Street,	1,673 43	
Bond Street,	2,239 56	
Richard Falvey, constructing sewer in Mt. Vernon Street,	491 48	
Shawmut and Alston Streets,	1,000 00	
Drain in Perkins Street,	28 80	
Patrick Terry, constructing sewer in Joy and Washington Streets,	673 82	
Belmont Street,	328 48	
Bedford Street,	77 85	
Sacramento and Miller Streets,	540 80	
Maurice Buttimer, constructing sewer in Broadway,	1,158 07	
J. O. Hayden & Co., advertising	136 50	
	<hr/>	
	\$20,266 02	
SEWER ASSESSMENTS, abated,	2 53	
EXCESS AND DEFICIENCY, balance to credit of account,	3,060 40	
	<hr/>	
		\$23,328 95
		<hr/>

SEWER ASSESSMENTS.

Credit.

CASH, received of sundry persons, assessments,		\$8,704 32
SEWERS, abatements on assessments,	\$2 53	
	<hr/>	
<i>Amounts carried forward,</i>	\$2 53	\$8,704 32

<i>Amounts brought forward,</i>	\$2 53	\$8,704 32
REAL ESTATE LIENS, title to the city for non-payment of assessments,	32 50	
	<hr/>	35 03
BALANCE, to debit in account 1883,		7,865 41
		<hr/>
		\$16,604 76

Debit.

BALANCE, from 1881,	\$7,470 26	
SEWERS, assessments levied,	9,134 50	
	<hr/>	\$16,604 76
		<hr/>

SIDEWALKS.

Credit.

APPROPRIATIONS, amount assessed,	\$2,600 00
SIDEWALK ASSESSMENTS, assessments levied,	3,672 92
INTEREST, transferred,	1,200 00
	<hr/>
	\$7,472 92

Debit.

CASH, paid laborers,	\$912 36	
John Turner & Co., edgestones,	5,363 82	
O. S. Foster, brick,	393 90	
Highways account, gravel and sand,	500 34	
W. M. Hadley, cement,	7 80	
S. W. Fuller, lumber,	14 98	
Geo. W. Prichard, gravel, etc.	35 00	
Sewers account, edgestone (catch- basin curbs),	39 52	
George W. McDormand, blacksmith- ing,	2 22	
H. W. Raymond, level,	2 65	
M. C. Warren, lines, tape, etc.,	3 38	
J. O. Hayden & Co., advertising,	81 60	
	<hr/>	
<i>Amounts carried forward,</i>	\$7,357 57	\$7,472 92

<i>Amounts brought forward,</i>	\$7,357 57	\$7,472 92
EXCESS AND DEFICIENCY, balance to credit of account,	115 35	
	<hr/>	\$7,472 92
		<hr/>

SIDEWALK ASSESSMENTS.

Credit.

CASH, received of sundry persons, assess- ments,		\$1,894 66
BALANCE, to debit in account 1883,		3,312 84
		<hr/>
		\$5,207 50

Debit.

BALANCE, from 1881,	\$1,534 58	
SIDEWALKS, assessments levied,	3,672 92	
	<hr/>	\$5,207 50
		<hr/>

SOLDIERS' RELIEF.

Credit.

APPROPRIATIONS, amounts appropriated,	\$225 00
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Debit.

CASH, paid Sturtevant Bros., groceries,	\$86 26	
Taylor & Stoddard, “	8 00	
S. Prentiss Hill, “	5 00	
H. W. Burgess, “	10 00	
Horatio Wellington & Co., fuel,	70 52	
W. M. Hadley, “	2 68	
W. A. Hunnewell & Co., “	21 54	
Philip Eberle, boots and shoes,	2 00	
W. H. Crocker, orders,	11 00	
L. M. Lewis, aid,	4 00	
V. M. Jones, “	4 00	
	<hr/>	\$225 00
		<hr/>

STREET LIGHTS.

Credit.

APPROPRIATIONS, amount assessed,	\$7,000 00
CASH, received of sundry persons for lamp posts, etc.,	430 98
INTEREST, transferred,	200 00
	<hr/>
	\$7,630 98

Debit.

CASH, paid Cambridge Gas Light Co., gas,	\$1,926 96
Labor on pipes, etc.,	131 98
Charlestown Gas Company, gas,	1,640 42
Labor on pipes, etc.,	151 46
Globe Gas Light Company, lighting and care of lamps,	1,226 78
Lamp posts, lanterns, etc.,	252 91
Hugh Blackwell, lighting, care, and repairs,	2,118 10
Hills, Turner & Co., glass,	36 00
A. H. Weld & Son, alcohol,	19 35
Bishop Bros., ladders,	20 93
W. H. Blackwell, repairs,	41 54
Seward Dodge, “	2 50
A. J. Wilkinson & Co., stationery,	3 82
J. O. Hayden & Co., advertising,	4 80
	<hr/>
	\$7,577 55
EXCESS AND DEFICIENCY, balance to credit of account,	53 43
	<hr/>
	<u>\$7,630 98</u>

SINKING FUND CONTRIBUTIONS.

Credit.

APPROPRIATIONS, amount assessed,	\$45,525 00
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Debit.

CASH, paid commissioners of the sinking funds,	<u>\$45,525 00</u>
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STATE AID.

Credit.

STATE OF MASSACHUSETTS — STATE AID, amount paid in 1882, charged to the State,	\$4,465 75
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Debit.

CASH, paid monthly pay rolls for aid,	\$4,465 75
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STATE OF MASSACHUSETTS.

Credit.

TAXES, amount assessed for State tax,	\$30,880 00
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Debit.

CASH, paid State Treasurer, State tax,	\$30,880 00
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STATE OF MASSACHUSETTS. — INDIGENT SOLDIERS
AND SAILORS.

Credit.

CASH, received of State Treasurer,	\$1,016 00
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BALANCE, Dec. 31, 1882, due from the State, Dec. 1, 1883, to debit in account 1883,	481 00
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	\$1,497 00
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Debit.

BALANCE, from 1881,	\$1,004 00
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INDIGENT SOLDIERS AND SAILORS, one half amount paid in 1882, as per account,	493 00
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	\$1,497 00
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STATE OF MASSACHUSETTS. — STATE AID.

Credit.

CASH, received of State Treasurer,	\$4,808 50
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BALANCE, Dec. 31, 1882, due from the State, Dec. 1, 1883, to debit in account 1883,	4,312 75
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Amount carried forward,	\$9,121 25
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Amount brought forward, \$9,121 25

	Debit.	
BALANCE, from 1881,	\$4,655 50	
STATE AID, amount paid in 1882, as per account,	4,465 75	
	<hr/>	\$9,121 25
		<hr/>

SUNDRY PERSONS.

	Credit.	
BALANCE, from 1881,	\$1,047 60	
FUNDED DEBT, Water Loan Bond No. 12,	50,000 00	
City Loan Bond No. 10,	10,000 00	
INTEREST, coupons due and payable,	1,062 50	
WATER LOAN INTEREST, coupons due and payable,	37 50	
	<hr/>	\$62,147 60

	Debit.	
CASH, paid sundry persons, amounts to their credit Dec. 31, 1881,	\$1,037 50	
New England Mutual Life Insurance Company, Water Loan Bond No. 12,	50,000 00	
City Loan Bond No. 10,	10,000 00	
BALANCE, to credit in account 1883,	1,110 10	
	<hr/>	\$62,147 60
		<hr/>

SUPPORT OF POOR.

	Credit.	
APPROPRIATIONS, amount assessed,	\$14,000 00	
CASH, received for support of paupers : —		
Of city of Boston,	\$412 00	
“ Cambridge,	25 10	
“ Chelsea,	25 00	
	<hr/>	
<i>Amounts carried forward,</i>	\$462 10	\$14,000 00

<i>Amounts brought forward,</i>	\$462 10	\$14,000 00
Of city of Lawrence,	61 90	
“ Lowell,	34 70	
“ Malden,	46 74	
“ Fall River,	26 45	
Town of Arlington,	95 60	
“ Canton,	5 00	
“ Bridgewater,	77 20	
“ Brookline,	10 00	
“ Dedham,	44 46	
“ Milford,	69 91	
“ Manchester,	38 45	
“ Natick,	58 85	
“ Sandwich,	9 90	
“ Wakefield,	43 75	
“ Woburn,	63 35	
“ Melrose,	17 35	
State of Massachusetts, support of paupers,	284 45	
Burial of paupers,	55 00	
Patrick Shannon, support of daugh- ter at Danvers Lunatic Hospital,	131 98	
Wm. E. Rice, rent bills not called for,	13 00	
	<hr/>	1,650 14
INTEREST, transferred,		1,000 00
		<hr/>
		\$16,650 14

Debit.

CASH, paid State of Massachusetts, support of paupers,	\$721 03	
Worcester Lunatic Hospital, support of paupers,	1,323 63	
Danvers Lunatic Hospital, support of paupers,	1,834 12	
	<hr/>	
<i>Amounts carried forward,</i>	\$3,878 78	\$16,650 14

<i>Amounts brought forward,</i>	\$3,878 78	\$16,650 14
Taunton Lunatic Hospital, support of paupers,	186 30	
Northampton Lunatic Hospital, support of paupers,	138 88	
Asylum for Chronic Insane, support of paupers,	216 07	
Chas. J. Adams, House of Correction, support of sundry persons,	78 31	
Essex County, House of Correction, support of sundry persons,	21 70	
City of Boston, support of paupers,	1,142 04	
“ Cambridge, “ “	149 72	
“ Chelsea, “ “	11 38	
“ Lowell, “ “	523 66	
“ Lawrence, “ “	91 00	
“ Taunton, “ “	95 32	
Town of Barnstable, support of paupers,	27 43	
Town of Canton, support of paupers,	104 00	
“ Holliston, “ “	156 00	
“ Melrose, “ “	156 00	
“ Nantucket, “ “	15 77	
“ Peabody, “ “	50 00	
“ Watertown, burial paupers,	19 50	
Belknap & Boynton, provisions,	449 77	
Chas. H. North & Co., “	28 09	
Sanborn, Conant & Webber, groceries,	453 67	
Roberts, Cochran & Co., groceries,	870 86	
Sturtevant Brothers, groceries and provisions,	289 37	
Chas. A. Small & Co., groceries, etc.,	75 75	
Taylor & Stoddard, groceries, etc.,	40 58	
<i>Amounts carried forward,</i>	\$9,269 95	\$16,650 14

<i>Amounts brought forward,</i>	\$9,269 95	\$16,650 14
George H. Sallaway, groceries, etc.,	4 65	
Butters & Eugley, “	36 51	
C. S. Butters, “	33 90	
H. W. Burgess, “	5 11	
Simon White, “	4 00	
Hewey, Skillings & Co., bolted meal,	27 35	
T. N. Snow & Co., potatoes,	183 93	
P. Curtis, fish,	195 00	
Mansur & Whiting, crackers,	195 72	
P. T. O'Brien, orders,	29 27	
M. Hennessey, “	1 25	
Mrs. Herrick, “	1 30	
Mrs. Jennings, “	28 00	
A. Wipfler, “	1 45	
Thomas Cunningham, milk,	11 66	
Mrs. Musgrave, “	1 96	
T. McCulpha, “	1 96	
John Mallory, “	1 40	
Philip Eberle, boots and shoes,	359 47	
W. J. Emerson, “ “	8 50	
Charles Holmes & Son, range,	7 00	
Charles O'Neil, soap,	94 83	
Silas D. Carter, meals,	11 50	
J. H. Brooks, dry goods,	74 00	
W. Schuebeler, “	9 50	
J. W. Brine, “	22 25	
Horatio Wellington & Co., fuel,	678 00	
W. M. Hadley, “	256 94	
J. J. Underhill, “	173 78	
J. E. Perkins, “	40 12	
John F. Brine, “	36 24	
Thomas Cunningham, teaming fuel, etc.,	120 30	
<i>Amounts carried forward,</i>	<hr/> \$11,926 80	<hr/> \$16,650 14

<i>Amounts brought forward,</i>	\$11,926 80	\$16,650 14
H. M. Binney, teaming fuel, etc.,	235 46	
Steele & Webster, teaming,	7 31	
Thorp's Express, expressing,	3 05	
Geo. H. Cowdin, medicine,	2 00	
Leach & Green, boy's truss and fitting,	2 50	
Jackson Caldwell & Co., moving families,	2 00	
A. M. Prescott, moving families,	6 00	
A. Wipfler, "	5 50	
J. Heffernan, "	1 50	
J. O. Hayden & Co., printing,	5 00	
Aaron R. Gay & Co., stationery, etc.,	13 60	
M. R. Warren, stationery, etc.,	6 00	
E. H. Heath, letter file,	1 50	
C. Bennett & Son, premium of insurance,	7 50	
L. Arnold, carpenter work,	13 75	
S. J. Wood, filing saws,	4 00	
H. W. Raymond, coal baskets,	5 90	
City of Boston, water rates,	6 00	
William E. Littlefield, board of paupers,	176 00	
W. Holbrook, board of paupers,	60 00	
Abner Blaisdell, "	48 00	
Mrs. John Kelley, "	62 13	
Thomas Garvin, "	65 56	
E. Montague, "	49 28	
A. J. Wilson, "	25 28	
Mrs. Ruth, "	30 86	
Hugh Cooper, "	41 14	
M. Toye, "	65 23	
Eugene Shea, "	67 91	
<i>Amounts carried forward,</i>	\$12,946 76	\$16,650 14

<i>Amounts brought forward,</i>	\$12,946 76	\$16,650 14
Mrs. Powers, board of paupers,	18 28	
J. Hill, “	9 43	
Wm. H. Rice, “	7 00	
Frank Egan, “	31 33	
R. D. Hill, “	26 24	
Mary E. Nowlin, board and rent,	595 42	
James Lynch, “	67 00	
Ezra McIntire, rent,	31 00	
Wm. E. Rice, “	20 00	
Heirs of Hugh Gallagher, rent,	48 00	
Hannah Gallagher, “	20 00	
J. H. Butler, “	41 00	
O. S. Knapp, “	40 00	
John I. Loudon, “	23 83	
B. F. Simpson, “	35 20	
Hebron Libby, “	16 00	
L. Marrett, “	24 00	
J. McCarty, “	65 00	
Maurice Terry, “	60 00	
Charles O'Neil, “	61 35	
Zylpha Shaw, “	66 00	
James Gallagher, “	4 00	
Peter Scott, “	32 00	
M. McCarty, “	34 00	
Bridget Conlan, “	58 00	
M. J. McCarron, “	48 00	
Sarah Gill, “	48 00	
Mrs. J. O'Brien, “	10 00	
Mrs. Edward Clifford, “	20 00	
Horace B. Runey, undertaker's ser- vices,	131 42	
William A. Flaherty, undertaker's services,	139 50	
P. H. Rafferty, undertaker's ser- vices,	51 00	
<i>Amounts carried forward,</i>	<hr/> \$14,828 76	<hr/> \$16,650 14

<i>Amounts brought forward,</i>	\$14,828 76	\$16,650 14
William L. Lockhart, undertaker's services,	15 00	
Marsh & Co., undertaker's services,	36 00	
Thomas Devans, " "	10 00	
L. H. Brown, carriage hire,	14 00	
H. M. Weld & Co., carriage hire,	7 50	
A. L. Sanborn, " "	3 00	
Thomas Cunningham, overseer of the poor,	300 00	
As secretary of overseers of the poor,	200 00	
F. G. Williams, overseer of the poor,	300 00	
Transportation of paupers, etc.,	3 20	
Ansel Lewis, overseer of the poor,	300 00	
Storekeeper,	300 00	
Transportation of paupers, etc.,	65 64	
	<hr/>	
	\$16,383 10	
EXCESS AND DEFICIENCY, balance to credit of account,	267 04	
	<hr/>	
		\$16,650 14
		<hr/> <hr/>

TAXES.

	Credit.	
CASH, received for taxes for 1880,	\$28,731 04	
1881,	99,009 54	
1882,	299,175 21	
	<hr/>	
		\$426,915 79
REAL ESTATE LIENS, titles to the city for non-payment of taxes of 1880,		483 23
OVERLAY AND ABATEMENT, abatement on taxes for 1880,	\$176 08	
1881,	821 06	
1882,	6,555 34	
	<hr/>	
		7,552 48
<i>Amount carried forward,</i>		\$434,951 50

<i>Amount brought forward,</i>		\$434,951 50
BALANCE, to debit in account of 1883,		
being uncollected taxes for 1878,	\$58 90	
	1880,	2,585 93
	1881,	34,154 90
	1882,	119,990 61
		<hr/> 156,790 34
		\$591,741 84
	Debit.	
BALANCE, from 1880,	\$166,020 68	
APPROPRIATIONS, amount assessed for cur-		
rent expenses,	376,850 00	
STATE OF MASSACHUSETTS, amount		
assessed for State tax,	30,880 00	
COUNTY OF MIDDLESEX, amount assessed		
for county tax,	11,638 19	
OVERLAY AND ABATEMENT, amount added		
by the assessors,	6,352 97	
		<hr/> \$591,741 84
		<hr/>

TEMPORARY LOANS.

	Credit.	
BALANCE, from 1881,		\$190,000 00
CASH, borrowed by authority of the City		
Council, on city notes, as follows,		
viz. : —		
April 13. — Blake Bros. & Co., on		
8 months, at $3\frac{3}{4}$ per cent,	\$25,000 00	
June 26. — East Cambridge Five		
Cents Savings Bank, on 6 months,		
at $3\frac{1}{2}$ per cent,	35,000 00	
June 27. — Warren Institution for		
Savings, on 5 months, at $3\frac{1}{2}$ per		
cent,	50,000 00	
		<hr/>
<i>Amounts carried forward,</i>	\$110,000 00	\$190,000 00

<i>Amounts brought forward,</i>	\$110,000 00	\$190,000 00
June 27. — Boston Five Cents Sav- ing Bank, on 5 months, at $3\frac{5}{8}$ per cent,	165,000 00	
Sept. 29. — Warren Institution for Savings, on 6 months, at $4\frac{3}{4}$ per cent,	50,000 00	
Dec. 12 — Blake Bros. & Co., on 6 months, at 4 per cent,	60,000 00	
Dec. 26. — Blake Bros. & Co., on 4 months, at 4 per cent,	50,000 00	
	<hr/>	435,000 00
		<hr/>
		\$625,000 00

Debit.

CASH paid the following named: —

June 27. — Boston Five Cents Sav- ings Bank, note dated Dec. 27, 1881,	\$90,000 00	
Chandler R. Ransom, note dated Dec. 27, 1881,	10,000 00	
Jacob T. Glines, note dated Dec. 27, 1881,	5,000 00	
Warren Institution for Savings, note dated Dec. 27, 1881,	20,000 00	
June 28. — Provident Institution for Savings, note dated Dec. 28, 1881,	65,000 00	
Nov. 27. — Warren Institution for Savings, note dated June 27,	50,000 00	
Nov. 27. — Boston Five Cents Sav- ings Bank, note dated June 27,	165,000 00	
Dec. 13. — State of Massachusetts, note dated April 13,	25,000 00	
	<hr/>	
<i>Amounts carried forward,</i>	\$430,000 00	\$625,000 00

<i>Amounts brought forward,</i>	\$430,000 00	\$625,000 00
Dec. 26. — East Cambridge Five		
Cents Bank, note dated June 26,	35,000 00	
	<hr/>	
	\$465,000 00	
BALANCE, to credit in account of 1883,	160,000 00	
	<hr/>	
		\$625,000 00
		<hr/>

WATER SERVICES.

Credit.

CASH received of School-house Incidentals	
account for valve,	\$3 00
Samuel Armstrong & Co., labor,	2 00
Water-service assessments, cost of	
service pipes laid,	2,974 92
	<hr/>
	\$2,979 92

Debit.

CASH, paid laborers,	\$869 57
Chadwick Lead Works, lead pipe,	170 35
Walworth Manufacturing Company,	
fittings,	263 28
Sumner & Goodwin, fittings,	596 20
Dalton & Ingersoll, “	78 99
Ward & Curley, “	24 20
Joseph Zane & Co., “	3 62
Cook, Rymes & Co., machine work,	56 12
Fuller, Dana & Fitz, coppers,	95
Charles H. Holmes & Co., zinc, etc.,	3 61
James S. Newell & Co., punches	
and dies,	13 57
George Woodman & Co., pipe,	189 12
Boston Belting Company, washers	
and tubing,	6 02
Braman, Dow & Co., pipe,	573 13
	<hr/>
<i>Amounts carried forward,</i>	\$2,848 73
	<hr/>
	\$2,979 92

<i>Amounts brought forward,</i>	\$2,848 73	\$2,979 92
James L. Whitaker, pipe and fittings,	10 42	
H. T. G. Chapman, pipe and fittings,	10 00	
Davis & Farnham Manufacturing Company, patterns,	23 00	
W. P. Walker, hose,	28 48	
Bradley, Hastings & Co., tiles,	11 21	
J. A. Durell, plumbing,	2 00	
	<hr/>	
	\$2,933 84	
WATER MAINTENANCE, balance transferred,	46 08	
	<hr/>	
		\$2,979 92
		<hr/>

WATER SERVICE ASSESSMENTS.

Credit.

CASH, received of sundry persons for water services,	\$3,088 03
BALANCE, to debit in account 1883,	723 82
	<hr/>
	\$3,811 85

Debit.

BALANCE, from 1881,	\$836 83
WATER SERVICES, service pipes laid in 1882,	2,975 02
	<hr/>
	\$3,811 85
	<hr/>

WATER MAINTENANCE.

Credit.

APPROPRIATIONS, amount assessed,	\$12,000 00
CASH, received of S. H. Libby, old pipe,	\$3 00
W. C. Crane, “	13 44
F. Lovell Temple, “	2 20
N. Dennett, barrels,	3 00
	<hr/>
<i>Amounts carried forward,</i>	\$21 64
	\$12,000 00

<i>Amounts brought forward,</i>	\$21 64	\$12,000 00
James M. Burckes, repairing pipe,	3 50	
American Tube Works, “	4 00	
Mr. Williams, “	4 00	
Patrick Terry, “	4 25	
Thomas Wood, “	3 50	
Dennis O’Connell, use of hydrant, etc.,	9 25	
Charles A. Mongan, “	8 00	
Maurice Terry, “	4 00	
Richard Falvey, “	4 00	
Maurice Buttimer, “	2 00	
R. A. Hines & Son, use of pump, etc.,	5 00	
Massachusetts General Hospital, pipe, clamps, cement, and labor,	18 20	
George H. Norman, clamps,	8 20	
Town of Arlington, “	67 40	
W. L. Snow, clamps and labor,	3 50	
City of Boston, pipe,	37 80	
City of Chelsea, “	59 40	
J. H. Bufford, pipe, etc.,	24 72	
Samuel B. Lock & Co., old iron,	26 90	
John Peabody, manure,	6 00	
Highways account, repairing stand- pipes, hydrants, etc.,	36 66	
Sewers account, half cost of blow- off, etc.	46 15	
	<hr/>	\$408 07
WATER SERVICES, transferred,		46 08
INTEREST, “		500 00
		<hr/>
		\$12,954 15
	Debit.	
CASH, paid laborers,	\$5,665 58	
Nathaniel Dennett, salary as super- intendent,	1,500 00	
	<hr/>	
<i>Amounts carried forward,</i>	\$7,165 58	\$12,954 15

<i>Amounts brought forward,</i>	\$7,165 58	\$12,954 15
F. B. Austin & Co., iron,	700 06	
Walworth Manufacturing Co., drilling machine, etc.,	55 21	
James S. Newell & Co., valves,	12 00	
James H. Work, bolts,	119 70	
Crosby Steam Gage and Valve Co., gauge,	15 00	
Braman, Dow & Co., pipe, etc.,	87 98	
R. Pattee & Co., hydrants,	1,144 75	
Cook, Rymes & Co., machine work, etc.,	121 19	
Boston Machine Company, gates, etc.,	288 00	
Dodge, Gilbert & Co., rivets, etc.,	46 87	
S. B. Locke & Co., castings,	659 80	
Davis & Farnham Manufacturing Company, castings,	99 80	
W. O. Barbour & Co., castings,	18 11	
Chelmsford Foundry Company, cast- ings,	9 00	
A. J. Wilkinson & Co., gas stove, etc.,	11 05	
H. W. Raymond, hardware, etc.,	90 49	
Ames Plow Company, shovels, etc.,	29 80	
Charles Holmes & Son, oil cans, etc.,	10 95	
H. Wellington & Co., cement and fuel,	149 88	
L. G. Burnham & Co., cement,	348 40	
D. Roby & Co., cement,	9 00	
Asa Durgin, sand,	10 00	
E. D. Sawyer & Co., lumber,	74 26	
W. H. Haslett & Co., “	2 50	
S. W. Fuller, “	80 00	
<i>Amounts carried forward,</i>	<hr/> \$11,359 38	<hr/> \$12,954 15

<i>Amounts brought forward,</i>	\$11,359 38	\$12,954 15
Sanborn, Conant & Webber, salt,	40 80	
J. C. Warren, carting,	29 36	
City of Cambridge, labor and fittings,	5 00	
W. H. Calvert, damages,	25 00	
Cambridge Gas Light Company, gas,	25 84	
Howe & Flint, trap and pipe,	3 22	
J. E. Higgins, black varnish,	25 00	
Sewell & Day Cordage Company,		
rope,	21 66	
J. C. Storey & Co., oil,	11 90	
John S. Rice & Co., can,	2 00	
Sturtevant Brothers, pails, etc.,	2 24	
E. R. Perham, expressing,	40 51	
W. J. London, “	1 35	
E. J. Burt, stamps,	1 20	
N. Dennett, “	2 50	
Hooper, Lewis & Co., stationery,	7 30	
J. O. Hayden & Co., printing and		
stationery,	33 00	
Amos Haynes, empty barrels,	1 50	
Boston Belting Company, rubber		
rings,	4 10	
City of Boston, water rates,	20 00	
W. C. Crane, premium of insurance,	17 50	
S. B. Manning, clock,	10 00	
J. H. Brooks, duck,	6 30	
Whitaker & Cheney, water pails,		
etc.,	1 26	
J. P. Squire & Co., lard oil,	6 60	
W. M. Hadley, fuel,	10 70	
J. F. Brine, hay, straw, etc.,	22 65	
Hosmer, Crampton & Hammond, hay,	208 18	
N. Tufts & Son, grain,	197 60	
Hewey, Skillings & Co., grain, etc.,	24 26	
<i>Amounts carried forward,</i>	\$12,167 91	\$12,954 15

<i>Amounts brought forward,</i>	\$12,167 91	\$12,954 15
Powers & Co., oats,	28 50	
Seward Dodge & Co., horseshoeing and blacksmithing,	198 69	
Charles Maguire, horseshoeing,	19 99	
G. M. J. Wilson, repairing har- nesses,	35 29	
Hill & Langtry, blankets, etc.,	18 25	
F. Ivers, harness dressing,	2 00	
J. Leland, repairing wagons,	17 50	
E. H. Buxton, painting wagons,	12 00	
W. T. Henderson, “	48 00	
H. H. Miller, varnishing wagon,	10 00	
Murdock Parlor Grate Company, hay racks and mangers,	13 50	
Watson & Bisbee, stall posts,	6 00	
A. W. Hastings, sash,	1 05	
Dinsmore & Brackett, window and frame,	2 50	
Bubier & Co., gutters,	5 20	
J. D. Hills, carpenter work,	51 50	
L. H. Brown, use of horse,	14 50	
Thomas Hollis, drugs,	5 17	
George H. Cowdin, drugs,	1 00	
J. G. Knapp & Co., repairing wagon covers,	4 00	
C. W. Badger, shellac, etc.,	8 42	
John White, teaming,	2 50	
Sewers account, drain pipe,	2 52	
Highways account, edge-stone and labor,	56 28	
Union Glass Co., lanterns,	23 50	
	<hr/>	
	\$12,755 77	

EXCESS AND DEFICIENCY, account balance
to credit,

198 38

\$12,954 15

WATER LOAN INTEREST.

Credit.

APPROPRIATIONS, amount assessed, \$2,000 00

CASH, received of city of Boston, return
on water rates :—

1881.	40 per cent on \$7,730 68,	\$3,092 27
1882.	15 per cent on \$20,000 00,	3,000 00
	20 per cent on \$10,000 00,	2,000 00
	25 per cent on \$10,000 00,	2,500 00
	30 per cent on \$10,000 00,	3,000 00
	40 per cent on \$14,405 03,	5,762 01

19,354 28

\$21,354 28

Debit.

CASH, paid on interest on Water Loan
bonds,

\$90,000, 6 months, at $6\frac{1}{2}$ per cent,	\$2,925 00
\$15,000, 1 year, at $6\frac{1}{2}$ per cent,	975 00
\$20,000, 1 year, at 6 per cent,	1,200 00
\$70,000, 1 year, at $5\frac{1}{2}$ per cent,	3,850 00
\$140,000, 1 year, at 5 per cent,	7,000 00
\$82,500, 6 months, at 5 per cent,	2,062 50

\$18,012 50

Less coupons unpaid, 37 50

\$17,975 00

Sundry persons, coupons unpaid, 37 50

\$18,012 50

EXCESS AND DEFICIENCY, balance to credit
of account,

3,341 78

\$21,354 28

WATERING STREETS.

Credit.

APPROPRIATIONS, amount assessed,	\$3,000 00
CASH, received of sundry persons as their proportional part of the cost of watering,	3,133 95
	<hr/> \$6,133 95

Debit.

CASH, paid T. F. Crimmings, watering,	\$433 80
John McCauley, “	439 80
Henry Gray, “	422 00
John Downey, “	401 40
John F. Elkins, “	430 60
Martin Gill, “	422 60
Christopher Burke, “	387 80
George W. Prichard, “	399 60
Oliver S. Foster, “	321 20
Highways account, “	149 20
Highways account, painting water carts, etc.,	90 18
F. Dooris, blacksmithing,	24 53
Seward Dodge, “	49 37
M. Lynch, “	2 50
B. F. Robinson, “	4 80
J. Leland, wheelwright work,	15 45
S. D. Hicks, repairing sprinklers,	4 95
Wood, Bailey & Wood, poles,	4 00
Boston Belting Co., hose,	44 25
Charles Holmes & Son, repairs,	2 75
H. W. Covell & Co. “	2 75
J. O. Hayden & Co., advertising	13 50
N. F. Caswell, services collecting,	25 00
City of Boston, water,	1,950 12
	<hr/> \$6,042 15
EXCESS AND DEFICIENCY, balance to credit of account,	91 80
	<hr/> <hr/> \$6,133 95

Table D.

BALANCES DEC. 30, 1882.

Cash,	\$21,516 88	
Public Property,	1,155,000 00	
Funded Debt,		\$1,585 000 00
Property and Debt Balance,	430,000 00	
Temporary Loans,		160,000 00
Real-Estate Liens,	3,327 45	
Taxes,	156,790 34	
Overplus on Tax Sales,		189 13
State of Massachusetts, — State Aid,	4,312 75	
State of Massachusetts, — Indigent Soldiers and Sailors,	481 00	
Public Park,		351 32
Highway Betterment Assessments,	979 98	
Sidewalk Assessments,	3,312 84	
Sewer Assessments,	7,865 41	
Water Service Assessments,	723 82	
Public Library,		100 29
Sundry persons,		1,110 10
Edgerly School-house Addition,		1,479 66
Excess and Deficiency,		36,079 97
	<hr/>	
	\$1,784,310 47	\$1,784,310 47
	<hr/>	

REPORT

OF

COMMISSIONERS OF THE SINKING FUNDS.

CITY OF SOMERVILLE.

IN BOARD OF ALDERMEN, March 1, 1883.

Referred to Committee on Printing, to be printed with the Annual Reports for the year 1882, and sent down for concurrence.

GEO. I. VINCENT, *Clerk pro tem.*

IN COMMON COUNCIL, March 1, 1883.

Concurred in.

DOUGLAS FRAZAR, *Clerk.*

CITY OF SOMERVILLE.

IN BOARD OF COMMISSIONERS OF THE SINKING FUNDS,
Feb. 7, 1883.

To the Honorable the Mayor and the City Council of the City of Somerville:

GENTLEMEN, — The undersigned present herewith their seventh annual report as Commissioners of the Sinking Funds of this city. The amount of the funds Jan. 31, 1882,

as per report of that date, was,	\$312,263 59
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The increase during the year 1882 was: —

Contribution by the city for the year,	45,525 00
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Interest on city bonds in sinking funds,	15,672 50
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Interest on deposits in banks,	193 09
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Total sinking funds at this date,	\$373,654 18
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Invested as follows: —

In bonds of the City of Somerville,

\$326,000, at 5 per cent, and \$44,-

500, at 5½ per cent,	\$370,500 00
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Deposited in banks and drawing interest,

3,154 18

\$373,654 18

Respectfully submitted.

NATHAN TUFTS, HENRY F. WOODS, JOHN A. HUGHES,	}	Commissioners.
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REPORT

OF THE

SCHOOL COMMITTEE.

CITY OF SOMERVILLE.

IN SCHOOL COMMITTEE, Dec. 18, 1882.

The Superintendent submitted his annual report, which was read and accepted. It was voted that the committee adopt the report now submitted by the Superintendent of the Public Schools, and present it to their fellow-citizens as the report of the School Committee for the year 1882.

J. H. DAVIS, *Secretary*.

IN BOARD OF ALDERMEN, Feb. 14, 1883.

Referred the report to the Committee on Printing, to be printed in the Annual Reports of 1882. Sent down for concurrence.

GEO. I. VINCENT, *Clerk pro tem*.

IN COMMON COUNCIL, Feb. 15, 1883.

Referred the report to the Committee on Printing, to be printed in the Annual Reports of 1882. In concurrence.

DOUGLAS FRAZAR, *Clerk*.

BOARD OF SCHOOL COMMITTEE, 1882.

HON. JOHN A. CUMMINGS,
Mayor, Chairman, *ex officio*.

ALBION A. PERRY,
President of Common Council, *ex officio*.

WARD ONE.

HENRY M. MOORE	Term expires 1882
HORACE C. WHITE, M. D.	" 1883
JOHN H. BUTLER	" 1884

WARD TWO.

ALPHONZO H. CARVILL, M. D.	Term expires 1882
REV. A. E. WINSHIP	" 1883
OREN S. KNAPP	" 1884

WARD THREE.

NORMAN W. BINGHAM	Term expires 1882
Q. E. DICKERMAN	" 1883
HENRY F. WOODS	" 1884

WARD FOUR.

PROF. BENJ. G. BROWN	Term expires 1882
REV. C. M. SMITH, D. D.	" 1883
MIS ^S HARRIET M. PITMAN	" 1884

J. H. DAVIS,
Superintendent and Secretary.

STANDING COMMITTEES, 1882.

On the High School,
MESSRS. BROWN, SMITH, BINGHAM, WINSHIP, WHITE, DICKERMAN.

On Schools in East Somerville District,
MESSRS. WHITE, MOORE, BUTLER.

On Schools in Prospect Hill District,
MESSRS. WINSHIP, KNAPP, CARVILL.

On Schools in Winter Hill District,
MESSRS. DICKERMAN, WOODS, BINGHAM, PERRY.

On Schools in Spring Hill District,
MESSRS. SMITH, BROWN, Miss PITMAN.

On Schools in West Somerville,
MESSRS. BROWN, SMITH, Miss PITMAN.

On Evening Schools,
MESSRS. WINSHIP, WHITE, PERRY.

On Examination of Teachers,
MESSRS. KNAPP, BUTLER, SMITH, Miss PITMAN.

On Text-Books,
MESSRS. WHITE, KNAPP, BINGHAM, Miss PITMAN.

On Repairs, Furniture, Heating Apparatus,
MESSRS. MOORE, CARVILL, PERRY, BROWN.

On School Supplies,
MESSRS. WOODS, BUTLER.

On Fuel,
MESSRS. CARVILL, PERRY.

On Music,
Miss PITMAN, MESSRS. BINGHAM, CARVILL, WHITE.

On Finance,
MESSRS. KNAPP, MOORE.

On Drawing and Penmanship.
MESSRS. BUTLER, WOODS, CARVILL, DICKERMAN.

On Salaries,
MESSRS. BUTLER, SMITH, WOODS, MOORE, WINSHIP, KNAPP.

On Examination of First Class,
MESSRS. SMITH, KNAPP.

On Examination of Second Class,
MESSRS. BUTLER, WOODS.

On Examination of Third Class.
REV. A. E. WINSHIP, Miss PITMAN.

On Examination of Fourth Class,
MESSRS. MOORE, BROWN.

On Examination of Fifth Class,
MESSRS. BINGHAM, WHITE, CARVILL.

On Examination of Sixth Class.
MESSRS. PERRY, DICKERMAN, Miss PITMAN.

BOARD OF SCHOOL COMMITTEE, 1883.

HON. JOHN A. CUMMINGS,
Mayor, Chairman, *ex officio*.

FRANK E. FITTS,
President of Common Council, *ex officio*.

WARD ONE.

HORACE C. WHITE, M. D.	Term expires 1883
JOHN H. BUTLER	" 1884
HENRY M. MOORE	" 1885

WARD TWO.

REV. A. E. WINSHIP	Term expires 1883
OREN S. KNAPP	" 1884
REV. GEO. W. DURELL	" 1885

WARD THREE.

Q. E. DICKERMAN	Term expires 1883
HENRY F. WOODS	" 1884
NORMAN W. BINGHAM	" 1885

WARD FOUR.

REV. C. M. SMITH, D. D.	Term expires 1883
MISS HARRIET M. PITMAN	" 1884
PROF. BENJ. G. BROWN	" 1885

J. H. DAVIS,
Superintendent and Secretary.

STANDING COMMITTEES, 1883.

On the High School,

MESSRS. WHITE, SMITH, WINSHIP, BROWN, DURELL, BINGHAM, BUTLER,
DICKERMAN.

On Schools in East Somerville District,
MESSRS. WHITE, MOORE, BUTLER.

On Schools in Prospect Hill District,
MESSRS. KNAPP, DURELL, WINSHIP, FITTS.

On Schools in Winter Hill District,
MESSRS. WOODS, BINGHAM, DICKERMAN.

On Schools in Spring Hill District,
MISS PITMAN, MESSRS. BROWN, SMITH.

On Schools in West Somerville,
MESSRS. SMITH, BROWN, MISS PITMAN.

On Evening Schools,
MESSRS. WINSHIP, DICKERMAN, WHITE.

On Examination of Teachers,
MESSRS. BROWN, BUTLER, SMITH, KNAPP, MISS PITMAN.

On Text-Books,
MESSRS. BINGHAM, KNAPP, WHITE, MISS PITMAN.

On Repairs and Heating Apparatus,
MESSRS. MOORE, BROWN, FITTS, BINGHAM.

On School Supplies,
MESSRS. WOODS, BUTLER.

On Fuel,
MESSRS. BUTLER, FITTS, DURELL.

On Music,
MESSRS. DURELL, BINGHAM, FITTS, MISS PITMAN.

On Finance,
MESSRS. KNAPP, MOORE.

On Drawing and Penmanship,
MESSRS. DICKERMAN, WOODS, WINSHIP, BUTLER.

On Salaries,
MESSRS. KNAPP, BUTLER, SMITH, WOODS, MOORE, WINSHIP.

On Examination of First Class,
MESSRS. BUTLER, WOODS.

On Examination of Second Class,
REV. A. E. WINSHIP, MISS PITMAN.

On Examination of Third Class,
MESSRS. BROWN, MOORE.

On Examination of Fourth Class,
MESSRS. BINGHAM, WHITE, DURELL.

On Examination of Fifth Class,
MESSRS. DICKERMAN, FITTS, MISS PITMAN.

On Examination of Sixth Class,
MESSRS. SMITH, KNAPP.

SUPERINTENDENT'S REPORT.

To the School Committee of Somerville:—

IN accordance with the requirements of the public statutes, and in compliance with your instructions, the following, as the fortieth annual report on the condition of the public schools, is respectfully submitted.

It is our pleasure to report that, in all essential features, the schools are in a prosperous and satisfactory condition. Nothing has occurred during the year to interfere with a successful prosecution of school work. Pupils in all parts of the city have been well instructed and conveniently and pleasantly accommodated. They have manifested their usual interest in their work, their accustomed deference to authority, and cheerful compliance with the requirements of their teachers and the School Board. Teachers have labored with wonted fidelity and zeal. Parents have exercised their accustomed forbearance, and have extended their hearty co-operation. No abatement in the deep and substantial interest which our citizens have always manifested in popular education has been witnessed.

The City Council has furnished the requisite means for the current expenses of the schools and for additional school accommodations. It is worthy of remark and a cause for congratulation that our citizens, or their representatives, have never swerved in their fidelity to the best interests of the schools, even in circumstances most disheartening. The rapid growth of the city, and the loss of several valuable school buildings by fire, have necessitated frequent and large appropriations to furnish adequate school accommodations in addition to the ordinary current expenses of the schools. But thus far in our history the School Committee has never requested an appropriation, for school purposes, of the citizens in town meeting, or of their representatives in the City Council, that has not met a prompt and cheerful response.

We would reciprocate by a judicious expenditure of the means placed at our disposal, and by untiring efforts to render the schools worthy of the position which they have ever held in public esteem.

Thanks are due to the Committee on Public Property for their prompt response to the numerous demands which have been made upon them, and for their attention to all matters pertaining to the schools that came under their jurisdiction. During the year they have enlarged the Edgerly School-house, provided furniture for two hundred and thirty pupils, painted the exterior of the Lincoln School-house, constructed a fence around the Highland School-house, placed a permanent partition in the hall of the Luther V. Bell School-house, renovated the walls, ceilings, and blackboards in various school-rooms, and put all school buildings in different parts of the city in complete repair.

Within the year the rules of the School Committee, the regulations of the public schools, and the course of studies for the several departments of the schools, have been carefully revised.

POPULATION AND VALUATION.

Population of the city, United States census, 1880,	24,985
“ “ “ in May, 1882	25,725
In Ward One	7,910
“ Two	8,503
“ Three	4,542
“ Four	4,770
Whole number of persons in the city between five and fifteen years of age, on the first day of May last	5,102
In Ward One	1,498
“ Two	1,762
“ Three	932
“ Four	910
Valuation of the city, May 1, 1882	\$23,162,200
Personal estate	\$1,886,600
Real estate	21,275,600
Estimated value of school property	\$344,432
Rate of taxation . . . . .	.0178

Amount expended for schools, exclusive of insurance, rent, repairs, and permanent improvement of school property, is 18.3 per cent of the whole tax. Average cost of tuition per scholar, taking the average whole number for the year as the basis of computation, is \$18.20.

EXPENDITURES FROM JAN. 1, 1882, TO JAN. 1, 1883.

BY THE CITY COUNCIL.

Repairs, insurance, rent of school-rooms .	\$7,866 75	
Fuel	4,318 11	
	<hr/>	\$12,184 86

BY THE SCHOOL COMMITTEE.

Salaries of teachers and superintendent .	\$66,837 02	
Janitors' salaries	3,315 86	
Truant officers' salaries	350 00	
Water	537 77	
Gas	103 30	
Books	516 60	
Writing books	339 85	
Printing	345 35	
Stationery and other supplies	1,088 00	
Miscellaneous	921 63	
	<hr/>	74,355 38
Total expenditures		<hr/> \$86,540 24

RECEIPTS.

Tuition of non-resident pupils	\$248 50	
Rent of school halls	507 50	
	<hr/>	756 00
Net expenditures		<hr/> \$85,784 24

SCHOOLS.

The number of pupils in the several schools in December of this year is one hundred and ninety-six in excess of the number belonging in December of last year. To provide for this increase and to relieve several crowded school-rooms seven new schools have been formed within the year: One grammar school in Winter Hill district; two grammar schools and one primary school in East Somerville district; two grammar schools in Prospect Hill district; and one primary school in Spring Hill district. In September one primary school was transferred from the Tufts Street School-house to the Edgerly School-house.

Whole number of schools	.	.	.	.	.	.	89
High School	.	.	.	.	.	.	1
Grammar schools	.	.	.	.	.	.	50
Primary schools	.	.	.	.	.	.	38
Increase for the year	.	.	.	.	.	.	7
Increase for the last ten years	.	.	.	.	.	.	30

SCHOOL-HOUSES.

Whole number of school buildings	.	.	.	.	.	.	19
Number of school-rooms owned by the city	.	.	.	.	.	.	93
Number of school halls	.	.	.	.	.	.	1
Number of rooms hired for school purposes	.	.	.	.	.	.	1
Number of vacant rooms	.	.	.	.	.	.	5
In the Lincoln School-house	.	.	.	.	.	.	2
“ Webster “	.	.	.	.	.	.	2
“ Bennett “	.	.	.	.	.	.	1

Edgerly School-House. — This building, located on Cross, Curtis, and Bonair Streets, East Somerville, was constructed, with four school-rooms, in 1871. During the present year it has been enlarged by the addition of four school-rooms. The work was supervised by the Committee on Public Property, consisting of Aldermen E. C. Clark and J. F. Wellington, and Councilmen H. M. Beals, S. T. Richards, and C. E. Giles. The plans and specifications were furnished by Mr. Samuel D. Kelley. The contractors were Messrs. Mead, Mason & Co., for the carpentry, and Messrs. R. Hines & Son for the masonry.

In the enlargement fine architectural proportions have been preserved, and the building, as completed, is one of the most beautiful and commodious in the city. It was occupied by the schools, eight in number, Monday, Sept. 15.

EXHIBIT OF THE SCHOOLS AND SCHOOL BUILDINGS IN THE SEVERAL DISTRICTS.

DISTRICTS.	BUILDINGS.	No. of School-Rooms.	No. of Grammar Schools.	No. of Primary Schools.	Total.	No. of Pupils in December.
	High School..	2	.....	.....	1	279
Winter Hill.....	Forster	10	6	4	11	498
"	Cedar Street..	2	.....	2	2	89
East Somerville.	Prescott	12	7	5	12	582
"	Edgerly	8	5	3	8	405
"	Tufts Street..	1	.....	1	1	47
Prospect Hill ...	L. V. Bell....	12	9	3	12	602
" ...	Prospect Hill.	6	4	2	6	269
" ...	Brastow	2	1	1	2	90
" ...	Bennett	4	1	2	3	171
" ...	Jackson	4	1	3	4	225
" ...	Webster ...	4	1	1	2	97
" ...	Union	1	.....	1	1	60
Spring Hill	Morse	6	6	.....	6	260
"	Beech Street..	2	.....	2	2	98
"	Spring Hill...	1	.....	1	1	39
"	Franklin	4	2	2	4	194
"	Harvard	1	.....	1	1	44
West Somerville.	Highland	8	5	3	8	381
"	Lincoln	4	1	1	2	81
Total .....	.....	94	49	38	89	4,511

ADDITIONAL ACCOMMODATIONS.

During the last twelve years the population of the city has increased eleven thousand, or seventy five per cent, and the number of schools thirty-seven, or seventy-one per cent. Within that time school buildings containing forty-two school-rooms have been constructed or purchased, at a cost, including the amount paid for land, of about \$230,000.

The number of dwelling houses in the city on the first day of May, 1881, was 4,305, and on the first day of May, 1882, 4,462. Increase for the year, 157. The number of dwelling-houses is

about equal to the number of pupils in the public schools. Hence fifty new dwellings require the formation of a new school. The present rate of increase in the population of the city, and the consequent demand for additional school accommodations, will probably continue for many years.

Each section of the city is provided with school conveniences sufficient for present necessities, except Winter Hill district. In the summer of 1881 two school-rooms were constructed in the hall of the Forster School-house, making ten school-rooms in that building, all of which are occupied. One school, recently formed, is located in the hall. It will be necessary to convert the remaining portion of the hall into school-rooms during the next long vacation.

The Cedar Street School-house is insufficient to accommodate the pupils residing in its immediate neighborhood. A school building located on or near Lowell Street would relieve the schools in the Forster and Cedar Street School-houses.

TEACHERS.

From various causes the number of changes in the corps of teachers during the year has been unusually large. Fifteen teachers have resigned. To fill vacancies and for the new schools, twenty-three teachers have been elected.

ELECTED.

Mr. William M. Stevens, principal of the Morse School.
Miss Mina J. Wendell, first assistant in the Morse School.
Miss Ella F. Gould, teacher in the Morse School.
Miss Fannie W. Kaan, teacher in the High School.
Miss Eudora Morey, teacher in the High School.
Miss Minnie C. Clark, teacher in the High School.
Miss Laura E. Giddings, teacher in the High School.
Miss Ellen H. Wilde, teacher in the Forster School.
Miss Mary E. Wild, teacher in the Forster School.
Miss Emma F. Stratton, teacher in the Prescott School.
Miss Lillian Nealley, teacher in the Prescott School.

Miss Florence M. Morton, teacher in the Prescott School.
Miss Emma E. Cate, teacher in the Prescott School.
Mrs. Clara J. Whittemore, principal of the Jackson School.
Miss Abbie F. Bosworth, teacher in the Edgerly School.
Mrs. Hattie M. Pierce, teacher in the Edgerly School.
Mrs. Lucretia A. Burns, teacher in the Tufts Street School.
Miss Eliza L. Schuh, teacher in the L. V. Bell School.
Miss Mary E. Bosworth, principal of the Beech Street School.
Miss Eveleen I. Bense, principal of the Franklin School.
Miss S. Adelaide Blood, teacher in the Highland School.
Miss Carrie M. Smith, teacher in the Highland School.
Miss Nellie A. Hamblen, teacher in the Prospect Hill School.

Most of the teachers elected during the year have had long and successful experience, and a term of service that entitles them to the maximum of salary.

TRANSFERRED.

Miss F. P. Hudson, from the Prescott School to the position of principal of the Edgerly School.
Miss Amelia I. Sears, from the Prescott School to the Edgerly School.
Miss Harriette H. Winslow, from the Prescott School to the Edgerly School.
Miss H. V. Hathaway, from the Tufts Street School to the Edgerly School.
Miss Ada Cowles, from the Tufts Street School to the Edgerly School.
Miss Anna L. Prescott, from the Edgerly School to the Prescott School.
Miss Emma F. Schuh, from the Prescott School to the L. V. Bell School.
Miss Hattie E. Boardman, from the L. V. Bell School to the Prospect Hill School.
Miss Mary A. Haley, from the Beech Street School to the Morse School.
Miss Ada L. Sanborn, from the Prospect Hill School to the position of principal of the Webster School.

RESIGNED.

Miss Sarah L. Graves, teacher in the High School.
Miss Annette E. Long, teacher in the High School.
Miss Kate W. Cushing, teacher in the High School.
Miss Stella M. King, teacher in the Forster School.
Miss V. E. Hapgood, teacher in the Prescott School.
Miss Emma F. Stratton, teacher in the Prescott School.
Mrs. Augusta M. Cowles, principal of the Edgerly School.
Miss Harriet N. Sands, teacher in the Edgerly School.
Mrs. Clara N. Marston, teacher in the Morse School.
Miss Carrie N. Sanderson, teacher in the Morse School.
Miss Nellie P. Nichols, teacher in the Morse School.
Miss Georgiana Cutter, teacher in the Highland School.
Mrs. Jane E. Clark, principal of the Franklin School.
Miss Eveleen I. Bense, principal of the Franklin School.
Miss Nora O'Leary, principal of the Jackson School.

With two exceptions, the teachers who have resigned have been connected with our schools several years, and have rendered faithful and valuable service in their respective places.

In September, leave of absence for one year was granted to Miss Sarah W. Fox, the accomplished and highly esteemed first assistant in the High School, for the purpose of travelling and studying in Europe.

Whole number of teachers, 101 (male teachers, 8; female teachers, 93).

Number of teachers in the High School, 7 (male teachers, 2; female teachers, 5).

Number of teachers in the grammar schools, 55 (male teachers, 5; female teachers, 50).

Number of teachers in the primary schools, 38.

One teacher of vocal music.

Increase in the number of teachers for the year, 5.

At the close of last year two crowded schools had two teachers each; hence the increase in the number of teachers is two less than the increase in the number of schools.

In Memoriam.

Mr. Chas. C. Hunkins, for five years principal of the Morse Grammar School, died at his residence, Jan. 9, after a protracted sickness.

Mr. Hunkins possessed many excellences of character that greatly endeared him to his wide circle of relatives and friends. He was affable in manner, strong in his attachments, and firm in his friendships. As a teacher he was earnest, faithful, enthusiastic, and constant in his devotion to his work and the best interests of his pupils.

The School Board, at their meeting next succeeding the time of his death, placed upon their records a memorial of their high appreciation of his character and work.

SCHOOLS AND TEACHERS.

SCHOOLS.	TEACHERS.	Salaries.	First Elected.
High	Geo. L. Baxter	\$2,200	1867
"	Frank M. Hawes	1,500	1879
"	Sarah F. Litchfield	800	1880
"	Fannie W. Kaan	850	1882
"	Eudora Morey	800	1882
"	Minnie C. Clark	800	1882
"	Laura E. Giddings	700	1882
Forster	John S. Hayes	1,800	1878
"	Mary E. Northup	625	1878
"	Nellie M. Whitney	600	1878
"	Ellen H. Wilde	500	1882
"	Frances M. Guptill	600	1869
"	Mary E. Wild	500	1882
"	Alice A. Batchelor	575	1877
"	Martha H. Pennock	550	1873
"	Leila V. Colby	500	1879
"	Alice T. Couch	550	1881
"	Lizzie G. Perry	550	1878
Prescott	G. A. Southworth	1,900	1873
"	Anna M. Bates	675	1874
"	Adelaide Reed	650	1877
"	Emma M. Cate	600	1882
"	Abbie A. Anderson	600	1878
"	Catharine T. Brown	575	1868
"	Clara Taylor	575	1871
"	Sarah E. Pratt	575	1877
"	Anna L. Prescott	550	1873
"	Elgina M. Plummer	550	1877
"	Lillian Nealley	550	1882
"	Florence M. Morton	350	1882
Edgerly	Frank P. Hudson	700	1877
"	Amelia I. Sears	600	1873
"	Hattie M. Pierce	575	1882
"	Harriette H. Winslow	425	1881
"	H. V. Hathaway	575	1875
"	Abbie F. Bosworth	550	1882
"	Clara M. Bagley	550	1873
"	Ada Cowles	550	1875
Tufts Street	Lucretia A. Burns	550	1882
L. V. Bell	Robert Bickford	1,700	1879
"	Minnie H. Marden	625	1876
"	Abbie C. Hunt	600	1873
"	Ellen M. Gooding	600	1868
"	Fannie A. Wilder	600	1874
"	May E. Berry	500	1880
"	Lillian F. Howe	600	1876
"	Emma F. Schuh	600	1874
"	Anna M. Snow	575	1866
"	Lydia J. Page	575	1869
"	Lizzie F. Appleton	550	1874
"	Augusta M. Houghton	550	1877
"	Eliza L. Schuh	350	1882

SCHOOLS AND TEACHERS. — *Continued.*

SCHOOLS.	TEACHERS.	Salaries.	First Elected.
Prospect Hill	Helen Tincker.....	\$650	1872
"	Hattie E. Boardman	600	1881
"	Ellen Ledyard.....	575	1874
"	Ada I. Howe.....	500	1880
"	Nellie A. Hamblen.....	350	1882
"	Charlotte I. Houghton....	550	1875
Brastow	Sarah E. Pennock.....	575	1871
"	Lizzie D. Harding.....	550	1877
Bennett	Augusta A. Roberts.....	625	1861
"	Maria Miller.....	550	1870
"	Mary B. Currier.....	550	1873
Jackson	Nora O'Leary.....	650	1874
"	Anna C. Damon.....	550	1879
"	Maud M. Hobson.....	425	1879
"	Annie E. McCarty.....	425	1880
Webster.....	Ada L. Sanborn.....	625	1869
"	Annie L. Savage.....	550	1873
Union	Isabella M. Prince.....	550	1876
Morse	William M. Stevens.....	1,600	1882
"	Mina J. Wendell.....	625	1882
"	Pauline S. Downes.....	600	1872
"	Anna E. Sawyer.....	600	1873
"	Ella F. Gould.....	575	1882
"	Mary A. Haley.....	575	1868
Beech Street.....	Mary E. Bosworth.....	575	1882
"	Zillah E. Freeman.....	425	1881
Spring Hill.....	Alice E. Furber.....	425	1881
Franklin	Hattie A. Hills.....	575	1874
"	Emeline C. Summerhayes..	550	1876
Harvard	Annie E. Robinson.....	550	1876
Highland	Geo. E. Nichols.....	1,600	1877
"	Lilla A. Hayward	675	1881
"	Jennie Colburn.....	600	1875
"	Lizzie J. Conwell.....	600	1873
"	S. Adelaide Blood.....	575	1882
"	Sarah F. Gibbs.....	575	1881
"	Alice P. Lord.....	550	1881
"	Sarah E. Pray.....	550	1878
"	Carrie M. Smith.....	350	1882
Lincoln	Mary A. Paul.....	575	1879
"	Annie L. Clapp.....	550	1882
Cedar Street.....	Alice Simpson.....	550	1872
"	Alice M. Porter.....	500	1880
Teacher of music...	S. H. O. Hadley.....	1,333	1868

PUPILS.

Number of pupils in attendance in January	4,267
Number of persons in the city, between five and fifteen years of age, on the first day of May last, as ascer- tained by the Truant Officer	5,102
Number between eight and fourteen years of age	2,958
Number in attendance in December	4,511
In the High School	279
“ grammar schools	2,189
“ primary schools	2,043
Number over fifteen years of age in December	366
Whole number registered during the year	5,576

The whole number of pupils registered during the year is in excess of the average whole number for the year 1,294.

TABLE SHOWING THE NUMBER OF PUPILS IN EACH OF THE THIRTEEN CLASSES, IN DECEMBER, THE AVERAGE AGE OF PUPILS IN EACH CLASS, AND THE PER CENT THAT THE NUMBER IN EACH CLASS IS OF THE NUMBER IN ALL THE CLASSES.

GRADE.	Class.	Boys.	Girls.	Total.	Average Age.	Per Cent.
High	First	16	30	46	18 yrs. 2 mos.	1.02
“	Second	20	31	51	17 “ 6 “	1.13
“	Third	34	38	72	16 “ 5 “	1.60
“	Fourth	44	66	110	15 “ 9 “	2.43
Grammar...	First	71	97	168	14 “ 5 “	3.72
“	Second	110	120	230	14 “ 1 “	5 10
“	Third	187	164	351	13 “ 2 “	7.78
“	Fourth	215	168	383	12 “ 1 “	8.49
“	Fifth	301	207	508	11 “ 3 “	11 26
“	Sixth	311	238	549	10 “ 1 “	12 17
Primary....	First	343	217	560	8 “ 8 “	12.42
“	Second	293	234	527	7 “ 11 “	11.69
“	Third	549	407	956	6 “ 4 “	21.19
Total ....	.....	2,494	2,017	4,511	.....	100.00

ATTENDANCE.

Average whole number in all the schools for the year	4,262.7
High School	246.8
Grammar schools	2,160.6
Primary schools	1,855.3
Average attendance in all the schools for the year	4,005.3
High School	237.8
Grammar schools	2,058.9
Primary schools	1,708.6
Per cent of attendance in all the schools for the year	93.8
High School	96.3
Grammar schools	95.3
Primary schools	92.1
Number of tardinesses in all the schools for the year	2,324
High School	111
Grammar schools	850
Primary schools	1,363
Number of dismissals in all the schools for the year	2,213
High School	447
Grammar schools	855
Primary schools	911

It is interesting to observe the great uniformity in the per cent of attendance through a series of years, especially in the grammar schools. The following is an exhibit of the per cent of attendance in the several grades for the last eight years : —

	High School.	Grammar Schools.	Primary Schools.
1875	97.1	94.8	90.9
1876	94.7	94.7	91.7
1877	97.7	94.7	92.1
1878	98.0	94.6	91.7
1879	96.9	94.8	91.6
1880	96.1	94.7	92.1
1881	95.1	94.9	91.9
1882	96.3	95.3	92.1

The school year of forty weeks gives to the High School 200 sessions and to the grammar and primary schools 400 sessions. By multiplying the number representing the average attendance by the number of sessions, we find that there have been 47,560 opportunities for tardiness during the year in the High School; 823,560 in the grammar schools; and 683,440 in the primary schools. A computation upon this basis gives to each pupil in the High School an average of one case of tardiness in 428 sessions; to each pupil in the grammar schools one in 969 sessions; and to each pupil in the primary schools one in 501 sessions. In five schools there have been no cases of tardiness during the year; three schools report one case each; two schools, two cases each; and five schools, three cases each.

PRIMARY SCHOOLS.

Forty-five and three tenths per cent of our pupils are in the primary schools.

Number of pupils in attendance in January	1,903
Number admitted during the year	857
Number promoted to the grammar schools	469
Number in attendance in December	2,043
Average number to a teacher at the present time . .	54
Number registered during the year	2,760

Each succeeding year develops an increasing interest in the primary schools and a higher estimate of the importance of the work to be accomplished by them. Great efforts are made for their improvement; much care is bestowed to render the school-rooms convenient and attractive; and teachers of the highest order of talent and skill, and of special aptitude for the delicate and important duties required, are sought for their management. As a consequence, no department of the schools is making more marked and gratifying advances.

It is our privilege to report that many teachers of our primary schools are earnestly seeking and zealously applying the best methods of instruction, and have attained to a high degree of excellence in their work.

Teachers of primary schools require special and rare qualifications to insure complete success. Children and the labor of teaching them must be congenial. That they may be fruitful, in expedients to interest their pupils and prevent monotony in the routine of daily duties, they must possess versatility and ingenuity. That their teaching may be wisely applied, they must apprehend quickly and as by intuition the kind and quantity of instruction best adapted to pupils at each stage of their advancement. That "acquirement and pleasure may go hand in hand and never part company," they must possess the ability to impart such instruction as will interest their pupils, and to present it in a manner that will be pleasurable to them, also. Sacchini says, "It is the unvarying decision of wise men, whether in ancient or modern times, that the instruction of youth will always be best when it is pleasantest."

Since the attempt to impart instruction to children before they are prepared to receive it is not only useless, but harmful, teachers should resist the temptation to hasten unduly with their work. "Make haste slowly," is a safe maxim to follow in teaching the young. "Nature waits for the fit time." "Everything natural," says Comenius, "goes smoothly and easily. There must, therefore, be no pressure. Learning should come to children as swimming to fish, flying to birds, running to animals."

Childhood, like the early springtime, is the period of preparation and not of fruitage. The appropriate and principal work of primary schools is to develop ability and skill for future use. From first to last, self-development and self-reliance should be encouraged. We cannot begin too soon to teach children to make their own investigations and to draw their own conclusions. It is our province to lead them into the paths of learning and to supply them with proper incentives and opportunities for self-improvement; but they will be educated only as they exercise their own activities. Agassiz was accustomed to say to his pupils, "I shall never make you repeat what you have been told, but constantly ask you what you have seen yourselves."

For their guidance in their daily duties teachers should have clearly defined and well-matured plans of their own devising. All persons labor most effectively when their practice and their judg-

ment are in accord. It is strikingly apparent that those teachers secure the most satisfactory results who work in accordance with methods of their own arranging ; who are not mere imitators of performances which they have observed, but intelligent executors of their own thoughtfully wrought methods. They diligently study many systems of instruction, observe various methods, and obtain information from numerous sources ; but plans of procedure which they execute with greatest ease and satisfaction to themselves, and which prove most advantageous to their pupils, are those of their own devising.

EXHIBIT OF THE PRIMARY SCHOOLS.

SCHOOLS.	TEACHERS.	Average Whole Number.	Average Attend- ance.	Per Cent of Attend- ance.
Forster	M. H. Pennock.....	49.7	46.9	94.4
“	L. V. Colby.....	42.0	39.7	94.5
“	A. T. Couch.....	41.1	37.6	91.4
“	L. G. Perry.....	43.0	38.8	90.2
Prescott	S. E. Pratt	54.1	51.1	94.4
“	A. L. Prescott.....	49.7	47.2	94.9
“	E. M. Plummer.....	54.7	51.1	93.4
“	Lillian Nealley.....	56.1	52.0	92.9
“	F. M. Morton.....	56.5	48.9	86.5
Edgerly	A. F. Bosworth.....	42.5	40.3	94.8
“	C. M. Bagley	70.8	66.1	93.3
“	Ada Cowles.....	44.5	40.1	90.1
Tufts Street	L. A. Burns.....	43.5	40.4	92.9
L. V. Bell.....	L. F. Appleton.....	54.2	51.2	94.5
“	A. M. Houghton.....	54.7	49.9	91.2
“	E. L. Schuh.....	59.3	55.7	93.9
Prospect Hill.....	N. A. Hamblen.....	33.6	31.6	94.0
“	C. I. Houghton.....	48.0	44.1	91.8
Brastow	L. D. Harding.....	54.1	49.8	92.0
Bennett.....	Maria Miller.....	48.0	44.8	93.3
“	M. B. Currier.....	59.4	52.4	88.2
Jackson	A. C. Damon.....	46.8	42.2	90.2
“	M. M. Hobson.....	46.2	42.5	91.9
“	A. E. McCarty.....	52.7	49.5	93.9
Webster	A. L. Savage.....	56.5	53.2	94.1
Union	I. M. Prince.....	51.6	48.6	94.2
Beech Street.....	M. E. Bosworth.....	55.1	51.0	92.5
“	Z. E. Freeman.....	47.2	43.0	91.1
Spring Hill.....	A. E. Furber	43.8	38.0	86.8
Franklin	E. C. Summerhayes....	52.3	49.2	94.1
“	C. S. Plimpton.....	36.2	35.5	98.0
Harvard	A. E. Robinson	49.6	44.1	88.9
Highland	A. P. Lord.....	37.2	35.2	94.6
“	S. E. Pray.....	43.0	40.4	93.9
“	C. M. Smith.....	47.4	42.2	89.0
Lincoln.....	A. L. Clapp.....	40.4	35.0	86.6
Cedar Street	Alice Simpson.....	37.4	35.0	93.4
“	A. M. Porter	52.4	44.3	84.5
		1,855.3	1,708.6	92.1

GRAMMAR SCHOOLS.

With scarcely an exception the schools of this grade are under the direction of teachers of long experience and of marked intelligence and skill. They are wisely conducted, and are doing thorough and substantial work. Forty-eight and one half per cent of all pupils in attendance in the public schools at the present time are in the grammar schools.

Number of pupil in January	2,148
Number received from the primary schools	469
Number in attendance in December	2,189
Average number to a school	44
Whole number registered during the year	2,455

At the close of the summer term one hundred and seventy-two pupils were graduated at the several grammar schools.

From the Luther V. Bell School	48
“ Prescott School	46
“ Forster School	32
“ Morse School	29
“ Highland School	17
Number promoted to the first class in June	178
“ “ “ second class in June	246
“ “ “ third class in June	306
“ “ “ fourth class in June	324
“ “ “ fifth class in June	403
“ “ “ sixth class in June	469

One hundred and five of the graduates from the grammar schools entered the High School in September:—

From the Prescott School	31
“ Forster School	24
“ Luther V. Bell School	23
“ Morse School	18
“ Highland School	9

In September, Scribner's Geographical Reader and Primer and Greenleaf's Brief Course in Arithmetic were introduced into the

sixth class. Meservey's Bookkeeping, Single Entry, was introduced into the first class, to be used during the last half of the year.

Forty-four of the grammar schools contain a single class each. By the regulations of the School Board, "teachers whose pupils are all of one grade are required to divide their classes into two sections, that, as far as practicable, one section may be studying while the other section is reciting." The object of this requirement is to secure more time to pupils for study during school hours, to make the recitations shorter, to guard against the tendency of the times towards too much teaching and too little studying by the pupils, and to induce pupils, if possible, to become more self-reliant and to depend less upon the guidance and assistance of their teachers.

Whenever the teacher wishes to explain new and important principles, and in all general exercises, time is economized by uniting the two sections; but in many recitations a division of the class will be advantageous to the pupils composing it in various ways.

A saving of time for study during school hours is a desideratum. As a rule, school duties should be performed in school. We would not encourage much home study by pupils below the second class of the grammar schools. Time out of school should be devoted to rest, recreation, reading, and the performance of home duties. Ordinarily, under judicious management, school time, industriously employed, is sufficient for the performance of school requirements.

When a class recites in sections the relation of teacher and pupils is more intimate, and, what is especially desirable, each pupil can be brought under observation more than once without prolonging the recitation to a wearisome length. Recitations, to be of the highest value, must be spirited and receive the undivided attention of every pupil throughout their continuance. Consequently they must be brief. School exercises should never be prolonged beyond the limit of ordinary mental endurance. Otherwise they induce listlessness and inattention, which, of all mental habits, are most to be deprecated and guarded against.

In order to acquaint pupils with the best methods of study, it is well, occasionally, to assist them in learning an entire lesson; but ordinarily it is better that they study their lessons and overcome

their difficulties unaided. More lasting good to the pupil often comes from the effort to acquire than from the knowledge which the effort secures. Scholars must break away from the leading strings of their teachers in their search for knowledge would they become robust in intellect and know the substantial delights of study. The exclamation, "Eureka! Eureka!" with which the brave old mathematician of Syracuse caused the streets of the city to resound upon his famous discovery of the fraud in the king's crown, was but the natural expression of satisfaction which is the frequent reward of every thorough and independent student.

EXHIBIT OF THE GRAMMAR SCHOOLS.

SCHOOLS.	TEACHERS.	Average Whole Number.	Average Attend- ance.	Per Cent of Attend- ance.
Forster	J. S. Hayes ..	32.3	31.4	97.2
"	N. M. Whitney	34.3	32.9	95.5
"	E. H. Wilde	44.4	42.1	94.8
"	F. M. Guptill	49.8	47.3	94.9
"	M. E. Wild	54.2	51.2	94.5
"	A. A. Batchelor	53.9	51.1	94.8
Prescott	G. A. Southworth	43.1	42.6	98.8
"	Adelaide Reed	43.7	42.7	97.7
"	A. M. Hammond	51.3	50.2	97.8
"	Emma M. Cate	38.5	37.8	98.2
"	A. A. Anderson	43.3	41.7	96.3
"	C. T. Brown	45.2	43.6	96.4
"	Clara Taylor	52.5	49.7	94.6
Edgerly	F. P. Hudson	42.0	41.2	98.1
"	A. I. Sears	44.7	43.3	96.9
"	H. M. Pierce	46.2	44.7	96.7
"	H. H. Winslow	47.8	46.0	96.2
"	H. V. Hathaway	48.0	41.8	87.1
L. V. Bell	Robert Bickford	48.0	46.9	97.7
"	A. C. Hunt	55.3	54.1	97.8
"	E. M. Gooding	43.6	42.0	96.3
"	F. A. Wilder	39.6	37.4	94.4
"	M. E. Berry	49.4	48.2	97.5
"	L. F. Howe	45.4	43.2	95.1
"	E. F. Schuh	32.3	30.5	94.4
"	A. M. Snow	49.3	47.7	96.7
"	L. J. Page	56.4	53.8	95.4
Prospect Hill	Helen Tincker	43.1	41.0	95.1
"	H. E. Boardman	45.4	43.8	96.4
"	Ellen Ledyard	44.2	41.2	93.2
"	A. I. Howe	49.9	46.9	93.9
Brastow	S. E. Pennock	36.4	34.3	94.2
Bennett	A. A. Roberts	42.7	38.6	90.4
Jackson	N. O'Leary	50.8	47.4	93.3
Webster	A. L. Sanborn	40.1	37.8	94.2
Morse	W. M. Stevens	28.3	27.3	96.4
"	L. A. Harris	25.6	24.6	96.1
"	P. S. Downes	35.5	34.7	97.7
"	A. E. Sawyer	45.6	44.7	98.0
"	Ella F. Gould	58.7	52.4	89.2
"	M. A. Haley	53.1	48.5	91.3
Franklin		30.5	29.0	95.1
"	H. A. Hills	40.8	39.0	95.6
Highland	G. E. Nichols	44.9	43.3	96.4
"	Jennie Colburn	40.6	37.8	93.1
"	L. J. Conwell	46.2	44.5	96.3
"	S. A. Blood	46.2	44.2	95.6
"	S. F. Gibbs	39.5	37.0	93.6
Lincoln	M. A. Paul	38.0	35.8	94.2
		2,160.6	2,058.9	95.3

HIGH SCHOOL.

Whole number of different pupils during the year	361
Largest number at one time	280
Number admitted during the year	116
From our grammar schools	105
From other schools	11
Number graduated	33
Number of graduates who entered college	12
Number of graduates who entered the School of Technology	2
Number who have left the school during the year, exclusive of graduates	49
Whole number at the present time	279
Number over fifteen years of age	240
Number in course preparatory to college	80
Number pursuing the regular course	160
Number pursuing the English course	38
Number in the first class on entering the school	100
Number at the present time	46
Number in the second class on entering the school	107
Number at the present time	51
Number in the third class on entering the school	94
Number at the present time	72
Number in the fourth class on entering the school	111
Number at the present time	110

Number of pupils at the present time is 6.2 per cent of the number in attendance in all the schools.

The patronage which this school receives is evidence of its firm hold upon the confidence of the community and the estimation in which it is held by our citizens. During the last twelve years the number of pupils has increased eighty-six per cent. The number in attendance at the present time is greater by thirty-nine than at any previous corresponding season of the year, and it is only one less than the largest number in attendance at any time during the year.

The following is an exhibit of the increase of the school, since it first entered the new building, on the fourth day of March, 1872 :

Number of pupils in March, 1872	150
“ “ December, 1872	181
“ “ “ 1873	186
“ “ “ 1874	193
“ “ “ 1875	210
“ “ “ 1876	221
“ “ “ 1877	221
“ “ “ 1878	244
“ “ “ 1879	235
“ “ “ 1880	246
“ “ “ 1881	248
“ “ “ 1882	279

The crowded condition of the school claims attention. The two large school-rooms, which were originally designed and furnished for one hundred pupils each, contain at the present time one hundred and twenty-six pupils each. Every portion of available space in those rooms is occupied by desks, to the inconvenience and discomfort of the school. Twenty-seven pupils are seated in the recitation-rooms, to their personal disadvantage and the inconvenience of the classes that recite in those rooms.

The following sections of the fifth chapter of the Regulations of the Public Schools specify the requirements for admission and promotions : —

SECT. 3. No promotions will be made to the High School from the Grammar Schools except at the beginning of the school year, in September; but pupils may be admitted to advanced standing at other times, if they are qualified to join existing classes.

SECT. 4. *Examinations and Promotions in the High School.* — In each of the several classes in the High School written test examinations shall be held monthly, under the direction of the Principal. Pupils whose rank in scholarship, as indicated by the average of the monthly examinations, is sixty-five per cent, will be entitled to promotion at the end of the school year.

SECT. 8. *Admission to the High School.* — All pupils who have honorably completed the full course of study prescribed for the Grammar Schools,

and whose rank in scholarship, as indicated by the average of their bimonthly examinations, is seventy per cent, shall be entitled, on presentation of certificates signed by the Principals of their respective schools, to admission to the High School without further examination.

Pupils whose rank in scholarship falls below the standard of seventy per cent, and who wish to enter the High School, shall be considered separately, and each case decided upon its merits, by a Committee consisting of the Chairman of the High School Committee, the Principal of the High School, the Superintendent, and the Principal of the Grammar School of which they were members. This Committee may admit to the High School, without further examination, any of this class of pupils whose ability to perform successfully the work required in that school seems to be assured by their rank in scholarship and their school record for the year, as kept by their Principals.

THIRTIETH ANNUAL EXHIBITION OF THE SOMERVILLE HIGH SCHOOL, TUESDAY JUNE 27, 1882.

ORDER OF EXERCISES.

MUSIC.*

SINGING. — Gloria (with orchestra). — *Mozart*.

1. SALUTATORY IN LATIN. FRANK E. DICKERMAN.
2. ESSAY. *The Mania*. NELLIE M. RICHARDSON.
3. READING. Awfully Lovely Philosophy. GERTRUDE LINCOLN.
4. READING. The Spinning Wheel Song. JOSIE H. SHORT.

SINGING. — Semi-Choruses: *a*. Wanderer's Night Song.

(Accompanied.) *Rubinstein*.

b. Old German Shepherd's Song.

(Unaccompanied.)

5. ESSAY. "*Toiling much, enduring much, fulfilling much.*" SARAH G. HEMENWAY.
6. READING. The Ride of Paul Venarez. HELEN M. DODGE.
7. FROM THE GARDEN SCENE OF "MARIA STUART." *Schiller*. CARRIE J. SCHROEDER, HATTIE M. SMITH.

8. READING. Old Church Bells. HATTIE E. WILSON.
- SINGING.—A Peasant Wedding in Carinthia (with orchestra). *Koschat*.
9. FROM "JULIUS CÆSAR" (Original Version in Greek).

HERBERT T. ALLEN, HENRY C. HOLT, G. FLETCHER WEST,

EVA D. BJORKLUND, IDA L. FIELD.

10. ORIGINAL CONTRIBUTIONS. MARTIN J. CAPLES.
- MUSIC.

* HADLEY'S ORCHESTRA.

RECESS.

SINGING. — Unison Solo: The Lost Chord (with orchestra and organ). *Sullivan.*

11. ESSAY. *Like a Star.* FANNIE I. ANDREWS.
 12. FROM "LES DEUX SOURDS." *Moinaux.*

MATTHEW M. BLUNT, JAMES S. DALY,
 HARRY F. HATHAWAY, EDWIN P. TAYLOR, JR.

13. ESSAY. "*Popular Fallacies.*" MARY E. HUGHES.
 14. READING. From "One Summer." REUBERTA H. LINCOLN.
 15. POEM. CORA L. FITZ.

SINGING. — Semi-Chorus: Waves of the Sea (with orchestra). *Anderton.*

Chorus: The Red Cross Knight (with orchestra). *Calcott.*
Ovid.

16. PHAETHONTIS MORS.

KATHARINE L. O'BRIEN.

17. PROPHECIES. JENNIE H. STIMPSON.
 18. VALEDICTORY. LILLIAN E. SNOW.
 19. PRESENTATION OF DIPLOMAS, By MAYOR JOHN A. CUMMINGS.
 20. PARTING HYMN.

MEMBERS OF THE GRADUATING CLASS.

Fannie Isadore Andrews,
 Emma Viola Beane,
 Mary Damon,
 Helen Marie Dodge,
 Mabelle Clifton Farnham,
 Cora Louise Fitz,
 Gertrude Lincoln,
 Reuberta Hopkins Lincoln,
 Carrie Worthington Lovering,
 Nellie May Richardson,
 Carrie Julia Schroeder,
 Hattie Martha Smith,

Jennie Hanscom Stimpson,
 Sarah Augusta Vinal,
 Hattie Ella Wilson,
 Ettie Maria White.

Matthew Mayhew Blunt,
 Martin Joseph Caples,
 James Stephen Daly,
 Harry Francis Hathaway,
 Manuel House Lombard,
 Edwin Porter Taylor, Jr.

COURSE PREPARATORY TO COLLEGE.

Eva Dora Bjorklund,
 Ina Caroline Brooks,*
 Ida Louise Field,
 Sarah Gross Hemenway,
 Mary Ellen Hughes,
 Katharine Louisa O'Brien,
 Josie Helena Short,

Lillian Ellsworth Snow,
 Edith Mabel Weeks,
 Herbert Tufts Allen,
 Frank Elliot Dickerman,
 Henry Cutter Holt,
 George Fletcher West.*

* By change of course an additional year.

EVENING SCHOOLS.

An evening school was opened in the Webster School-house, Jan. 31, and was continued until April 1, having been in session forty-two evenings. The principal, Mr. L. B. Pillsbury, was assisted by six assistants during the first month, and by two the last month.

Largest attendance	.	.	.	.	.	71
Smallest attendance	.	.	.	.	.	11
Average attendance	.	.	.	.	.	34

On Monday, the 4th of the present month, an evening school, under the care of Mr. John Wilson and three assistants, was opened in the Webster School-house, and another, under the care of Mr. L. B. Pillsbury and one assistant, was opened in the Cedar Street School-house. Average attendance, thus far, has been fifty and twenty-five respectively.

Cost of tuition	.	.	.	.	.	.	\$478 00
Cost of janitors' services, books, and other supplies	.	.	.	.	.	.	120 00
Total cost	.	.	.	.	.	.	\$598 00

MONTHLY REPORTS OF TRUANT OFFICERS.

1882.	Cases Investigated.	Cases of Truancy.	Arrests.	Absentees Placed in School.
January.....	39	18	.....	5
February	33	16	.....	5
March	31	13	.. ..	7
April	27	11	.....	3
May	17	9		
June.....	18	11	1	
September	13	5	.....	1
October.....	14	8		
November.....	21	10		
December.....	15	5	.....	1
Total	228	106	1	22

Wm. H. Brine, Jairus Mann, truant officers.

COURSE OF STUDIES.

The course of studies for the several departments of the schools has been revised within the year, a summary of which, so far as it pertains to the grammar and primary schools, is appended.

Language. — In the revised course prominence is given to language spoken and written, and daily exercises to promote facility and accuracy in its use are required in all grades of the schools. Technical grammar is begun by pupils in the fourth class, in the middle of the year.

Arithmetic. — Pupils advance in this branch by an easy gradation. The third class in the primary schools develop the idea of numbers to 10; the second class to 100, adding, subtracting, multiplying, and dividing; the first class add, subtract, multiply, and divide, — using numbers to 1,000, — the multipliers not to exceed 99, and the divisors not to exceed 9. The various topics in arithmetic are considered, in their order, by the several classes of the grammar schools, the work being apportioned with due regard to the capacity and advancement of the pupils.

Geography. — Scribner's Geographical Reader and Primer is used as a reading book in the sixth class; Harper's Introductory Geography is studied by the fifth class; Harper's School Geography is begun by the fourth class, continued by the third class, completed by the second class during the first half of the year, and reviewed by the first class.

History. — Barnes's History of the United States is studied by the second class during the last half of the year, and completed by the first class during the first half of the year.

Spelling. — Exercises in spelling, oral and written, from the speller and reader, and from all other text-books, are of daily occurrence. The spelling-book is used by the first and second classes of the primary schools and by all classes of the grammar schools except the first class.

Bookkeeping is a new study in the grammar schools. Time is secured for it by the completion of History during the first half of the year.

Writing. — In the primary schools the second and third classes use ruled slates for writing; the first class use slates, and paper ruled with guide lines. The use of writing-books is begun in the sixth class of the grammar schools and is continued through the course. Two hours a week are devoted to writing in all the grades.

Drawing. — The second and third classes of the primary schools draw on slates, using cards of proper grade for copies. The first class of the primary schools and all classes of the grammar schools use exercise books and drawing books of suitable grade. One hour and twenty minutes a week are devoted to this branch of instruction.

Music. — One hour a week is devoted to music in all the schools. The instruction of the special teacher is supplemented by that of the regular teachers of the grammar schools. Every week the special teacher gives a lesson of forty-five minutes in each of the two school-rooms in the High School building, and one of thirty minutes to each of the four upper classes of the grammar schools. Every alternate week a lesson of thirty minutes is given to the fifth and sixth classes. In consequence of the increase in the number of schools the time devoted to the schools by the music teacher has been increased one day each week.

The results in this department of instruction have been very satisfactory. The teaching has been thorough, earnest, and painstaking. The long experience, rare ability, and professional enthusiasm of the special instructor render him peculiarly fitted for the position he occupies.

Reading. — Special exercises in reading engross a due proportion of time and attention. In the Time Table, appended to our course of studies, the following apportionment of time for reading is given: To the first and second classes of the grammar schools, one eighth of all the school time; to the third and fourth classes, one sixth; to the fifth and sixth classes, one fifth; to the first and second classes of the primary schools, one third; and to the third class of those schools, one half.

The ends to be secured by exercise in reading are familiarity with words, vocal drill, information, and acquaintance with the

structure of language. Each of these has its appropriate time and place.

The work of the primary schools consists largely in securing familiarity with words and facility in their utterance. The subject matter of what is read is of minor importance, provided it is adapted to the capacity of the learners and does not divert attention from the prime objects to be secured. The course pursued with beginners, by our best teachers, is not uniform. Some combine at once the word method, the phonic method, and the spelling method. Others teach the word method exclusively, until their pupils can recognize at sight all the words upon the charts; then the other methods are introduced successively. At the end of a few months similar results are attained by both modes of procedure.

To awaken the interest of very young pupils it is well to place before them a sprightly word picture of the reading lesson, or, if the teacher is expert in the use of the crayon, a picture hastily drawn upon the blackboard; but, as the stories read are usually trivial, much conversation concerning them is not desirable. Since the advancement of pupils in reading is in proportion to the amount read, we would have much of their time, while they are in the primary schools, devoted to reading. To avoid weariness the exercises should be short, but they may be frequent.

Friendly criticisms may be permitted occasionally with profit, but the somewhat prevalent practice of following the reading of each pupil by a show of hands and running criticisms is of doubtful utility. It occasions loss of time and not infrequently discouragement to the pupils criticised. We would not be unduly critical with young learners, but would commend their earnest though imperfect efforts. If the errors are marked, the teacher can show by example the better way.

When pupils read for the purpose of gaining information, it is desirable that the reading should be as continuous as possible. All interruptions that divert attention from the meaning of the author and prevent continuity of thought should be avoided. Errors can be noted in passing, and the attention of the class may be directed to them at the close of the exercise. We would not com-

bine in one exercise vocal drill, a language lesson, and reading for information. "A time for everything and one thing only at a time," is a good rule to follow in conducting recitations. The more instruction is concentrated the more effective will it be.

Teachers, in all the grades, should aim to secure correct pronunciation, distinct articulation, and clear enunciation in all recitations, and special exercises for developing and strengthening the voice should be of frequent occurrence.

The study and practice of *elocution*, to be pursued with profit, require, on the part of pupils, a good degree of culture. They should be able to read with fluency, to apprehend quickly the meaning of what is read, and to bring their sensibilities into sympathy with the author. They should have such control of their vocal organs as will enable them to give expression to various shades of thought and emotion. The appropriate place, therefore, for elocution is in the upper classes of the grammar schools and the several classes of the High School. Its importance seems to demand, and, if possible, it should receive a larger share of time and attention in those classes than has been bestowed upon it hitherto.

GENERAL OBSERVATIONS.

Lord Bacon has said, "I hold every man to be a debtor to his profession." Teachers honor their profession when they bring to it purity of heart and motives, liberal endowments natural and acquired, aptitude for instructing and controlling, good administrative and executive abilities, a high appreciation and clear apprehension of the important duties involved, extensive knowledge of well-established principles of education, and familiarity with the methods and practice of those who have attained to the highest eminence in their profession.

Demands upon teachers are constantly increasing, but facilities for gaining the requisite qualifications to meet those demands are multiplying also, in due proportion. It was said of some, "They builded better than they knew." We are liable to incur the reproach of those concerning whom the reverse is true. Many well-devised methods of instruction fail through misapplication.

What Herbert Spencer says of the system of object lessons applies with truth to many modern theories and methods, "They are well conceived but ill conducted."

It should be observed, however, that all persons who attempt to apply systems of instruction have many and grave difficulties to encounter. The human mind has labyrinths not yet explored, and hidden springs of action whose modes of operation the wisest are unable to comprehend. Men are wise in many particulars, but lamentably ignorant of much pertaining to themselves, that deeply concerns them to know. "Know thyself" is a requirement which none have fully met. How best to educate the young is a problem which has occupied the thoughts of wise men through the ages, but it is still far from a satisfactory solution.

There are, however, certain guiding principles of education concerning which there is great unanimity of sentiment. These principles have been clearly enunciated. Many books of rare merit embodying them have been written, the study of which greatly assists teachers in their work. Some of the most valuable of these we take the liberty to name and commend: "Education as a Science," by Alexander Bain; "Education: Intellectual, Moral, and Physical," by Herbert Spencer; "Principles and Practice of Teaching," by James Johonnot; "Essays on Educational Reformers," by R. H. Quick; "Fitch's Lectures on Teaching"; "Methods of Teaching," by John Swett; "Lectures on the Science and Art of Education," by Joseph Payne.

Discipline. — One of the most interesting educational questions of the day is, Can schools be well conducted and conditions commendable and desirable be maintained without recourse to corporal punishment?

The *possibilities* are indicated by the fact that many schools are well controlled by moral influences only. In fifteen of our own schools no case of corporal punishment has occurred during the year. The conclusion is warranted that, whenever all the conditions which have existed in those schools become universal, occasion for resorting to corporal punishment in school management will disappear. Swett says, "When all children are well governed at home, when all teachers are professionally trained, when all parents are reason-

able, when hereditary tendencies are more in harmony with existing social conditions, corporal punishment in schools may be safely abolished."

As schools are now constituted instances are liable to occur, even in those best conducted, when the persuasions of kindness fail and the dictates of authority are not heeded. In such circumstances those having the responsibility seem to be compelled to decide between two alternatives, — *expulsion*, or *the enforcement of obedience*. The humane surgeon never resorts to *amputation* until all known means of cure have been applied. The prevailing sentiment among educators is, that the well-being of the insubordinate pupil, the best interest of the school of which he is a member and of the community in which he is to dwell, demand that when all other legitimate means have failed, submission to rightful authority should be enforced by the discipline of punishment judiciously and considerately administered.

Hence, in extreme cases and with proper restrictions and limitations, corporal punishment in school management is permitted. But the School Board in its legislation, and teachers in their practice, are laboring to reduce it to a minimum. It is cause for congratulation that, as the art of governing is better understood, and refining and elevating influences are multiplied, discipline by punishment is rapidly supplanted by moral motives. During the last nine years our school population has increased from 3,402 to 5,102; but the number of cases of corporal punishment in the schools of the city this year is only one half as large as the number in 1874. *Pro rata* it is only one third as large.

School Management. — A well-managed school, like a perfect piece of mechanism, all of whose parts are nicely adjusted and balanced, moves quietly and with little friction. Its leading characteristics are order, harmony, industry, and enthusiasm. By a methodical apportionment of time and arrangement of duties an economical employment of all school time is secured. Mutual respect, confidence, and forbearance characterize the intercourse of teacher and pupils. The teacher, possessing true nobility of character, and being liberally endowed by nature and by cultivation with all essential elements of success, inspires, without apparent

effort, the confidence, the respect, the obedience, and the affections of his pupils. In his instruction he is clear but concise; in manner, affable but dignified; in government, firm and exacting, but reasonable and just. His controlling motive is the highest permanent good of all committed to his care.

In a well-ordered school all things pertaining to the present good and highest future well-being of its members are matters of deep solicitude. The faithful teacher is ever regardful of the physical health, mental furnishing, social habits, and moral character of his pupils. He would have them go forth from his instruction and influence strong to resist evil and firm in noble purposes, with minds strengthened and quickened by study, with an ardent love and strong desire for knowledge, with worthy aspirations and unsullied characters.

With grateful acknowledgments to members of the Board for their many kindnesses and constant encouragement in the performance of my duties, this report is respectfully submitted.

J. H. DAVIS,

Superintendent of Public Schools.

SOMERVILLE, Dec. 18, 1882.

NAMES OF THOSE WHO HAVE SERVED ON THE SCHOOL
BOARD SINCE THE ORGANIZATION OF SOMERVILLE, IN 1842.

James Hill	.	.	.	.	.	.	from 1842 to 1851
"	.	.	.	.	.	.	" 1852 " 1854
Alfred Allen	.	.	.	.	.	.	" 1842 " 1847
"	.	.	.	.	.	.	" 1848 " 1849
G. C. Hawkins	.	.	.	.	.	.	" 1842 " 1844
Henry Adams	.	.	.	.	.	.	" 1842 " 1843
"	.	.	.	.	.	.	" 1844 " 1845
Levi Russell	.	.	.	.	.	.	" 1842 " 1843
Samuel Poor	.	.	.	.	.	.	" 1843 " 1844
John C. Magoun	.	.	.	.	.	.	" 1843 " 1851
John S. Edgerly	.	.	.	.	.	.	" 1843 " 1844
Luther V. Bell, M. D.	.	.	.	.	.	.	" 1843 " 1847
J. W. Mullikin	.	.	.	.	.	.	" 1844 " 1845
Wm. A. Russell	.	.	.	.	.	.	" 1844 " 1845
N. P. Morrison	.	.	.	.	.	.	" 1845 " 1846
Clark Bennett	.	.	.	.	.	.	" 1845 " 1851
"	.	.	.	.	.	.	" 1853 " 1854
"	.	.	.	.	.	.	" 1856 " 1958
Thos. J. Leland	.	.	.	.	.	.	" 1845 " 1846
L. R. Russell	.	.	.	.	.	.	" 1846 " 1847
Charles Forster	.	.	.	.	.	.	" 1846 " 1852
Edward L. Stevens	.	.	.	.	.	.	" 1849 " 1851
Geo. O. Brastow	.	.	.	.	.	.	" 1847 " 1850
"	.	.	.	.	.	.	" 1851 " 1853
"	.	.	.	.	.	.	" 1859 " 1862
Fitch Cutter	.	.	.	.	.	.	" 1847 " 1852
Rev. Baron Stowe	.	.	.	.	.	.	" 1848 " 1849
Rev. A. R. Pope	.	.	.	.	.	.	" 1850 " 1853
"	.	.	.	.	.	.	" 1856 " 1858
Edwin Monroe, jr.	.	.	.	.	.	.	" 1851 " 1852
Edwin Leigh	.	.	.	.	.	.	" 1851 " 1852
Isaac F. Shepherd	.	.	.	.	.	.	" 1851 " 1853
"	.	.	.	.	.	.	" 1855 " 1858

John K. Hall	from 1852 to 1854
“	“ 1855 “ 1857
C. I. Putnam	“ 1852 “ 1854
Jonathan Brown, Jr.	“ 1852 “ 1854
“	“ 1856 “ 1858
Benj. Woodward	“ 1853 “ 1854
“	“ 1865 “ 1866
Jos. E. Bartlett	“ 1853 “ 1854
Erastus E. Cole	“ 1854 “ 1856
Wm. E. Graves	“ 1854 “ 1856
Francis Tufts	“ 1854 “ 1856
C. H. Strickland	“ 1854 “ 1856
Isaac Story	“ 1855 “ 1857
“	“ 1863 “ 1865
Charles H. Guild	“ 1856 “ 1858
Rev. George H. Emerson	“ 1856 “ 1862
N. J. Knight, M. D.	“ 1857 “ 1860
P. R. Ridgway	“ 1857 “ 1858
Martin Draper, Jr.	“ 1857 “ 1859
Charles S. Lincoln	“ 1858 “ 1866
“	“ 1876 “ 1881
S. E. Brackett	“ 1858 “ 1859
Aaron Sargent	“ 1858 “ 1863
R. E. Demmon	“ 1858 “ 1859
John R. Poor	“ 1858 “ 1859
Prof. John P. Marshall	“ 1859 “ 1863
“	“ 1868 “ 1872
Geo. D. Clark	“ 1858 “ 1864
John G. Hall	“ 1859 “ 1865
J. E. Howard	“ 1859 “ 1862
Cyrus F. Crosby	“ 1860 “ 1864
Austin Belknap	“ 1862 “ 1865
Nelson Howe	“ 1863 “ 1863
Joshua H. Davis	“ 1863 “ 1872
Prof. Benj. F. Tweed	“ 1863 “ 1864
Josiah L. Lombard	“ 1864 “ 1866
Leonard Arnold	“ 1865 “ 1870

Prof. H. A. Dearborn	from 1864 to 1866
Enoch R. Morse	" 1865 " 1873
Oren S. Knapp	" 1865 " 1872
" Pres. C. C.	" 1872 " 1873
"	" 1873 " 1874
"	" 1879 "
Rev. E. Porter Dyer	" 1865 " 1867
John A. Hughes	" 1866 " 1870
Samuel A. Carlton	" 1866 " 1873
Wm. K. Fletcher, M. D.	" 1866 " 1868
S. C. Witcher	" 1866 " 1867
Henry F. Spencer	" 1867 " 1878
Rev. Geo. W. Durell	" 1867 " 1875
"	" 1883 "
H. P. Hemenway, M. D.	" 1870 " 1872
Edwin Mills	" 1870 " 1875
Hon. Geo. O. Brastow, Mayor	" 1872 " 1874
Henry M. Moore	" 1872 "
Uriah R. Harding	" 1872 " 1873
Rev. J. W. Hamilton	" 1872 " 1873
Reuben Willis, M. D.	" 1872 " 1875
Horace Chapin, M. D.	" 1872 " 1878
Prof. Benj. G. Brown	" 1872 " 1877
"	" 1878 "
Sanford Hanscom	" 1872 " 1881
Chas. G. Pope, Pres. C. C.	" 1873 " 1874
S. S. Woodcock	" 1873 " 1876
Samuel M. Pennock	" 1873 " 1874
" Pres. C. C.	" 1875 " 1876
Russell H. Conwell	" 1873 " 1874
Hon. Wm. H. Furber, Mayor	" 1874 " 1876
Wm. H. Hodgkins, Pres. C. C.	" 1874 " 1875
Rev. Chas. Lowe	" 1874 " 1875
Daniel E. Chase	" 1874 " 1878
Jas. E. Whitney	" 1874 " 1876
Col. Chas. F. King	" 1874 " 1879
Michael F. Farreil	" 1875 " 1879

Rev. Henry H. Barber	from 1874 to 1876
Hon. Austin Belknap, Mayor	" 1876 " 1878
Stillman H. Libby, Pres. C. C. . . .	" 1876 " 1878
John H. Butler	" 1876 "
Joseph P. Williams	" 1876 " 1880
Albion A. Perry	" 1876 " 1877
" Pres. C. C.	" 1882 " 1883
Henry F. Woods	" 1877 "
Walter W. Colburn	" 1877 " 1879
Hon. Geo. A. Bruce, Mayor	" 1878 " 1881
Luther B. Pillsbury, Pres. C. C. . . }	" 1878 " 1879
Jesse J. Underhill, Pres. C. C. . . }	
Enos T. Luce	" 1878 " 1879
Hon. Selwyn Z. Bowman	" 1878 " 1880
Rev. C. M. Smith, D. D.	" 1878 "
Edward Glines, Pres. C. C.	" 1879 " 1880
Alonzo H. Carvill, M. D.	" 1879 " 1883
Henry C. Buck.	" 1879 " 1882
Jos. W. Bailey, Pres. C. C.	" 1880 " 1881
Quincy E. Dickerman	" 1880 "
Norman W. Bingham	" 1880 "
Hon. John A. Cummings, Mayor . . .	" 1881 "
Mark F. Burns, Pres. C. C.	" 1881 " 1882
Horace C. White, M. D.	" 1881 "
Rev. Albert E. Winship	" 1881 "
Miss Harriet M. Pitman	" 1882 "
Frank E. Fitts, Pres. C. C.	" 1883 "

ANNUAL REPORT
OF THE
SOMERVILLE MYSTIC WATER BOARD.

1882.

CITY OF SOMERVILLE.

IN BOARD OF MAYOR AND ALDERMEN, March 1, 1883.

Referred to the Committee on Printing, to be printed with the Annual Reports for the year 1882. And sent down for concurrence.

GEO. I. VINCENT, *Clerk pro tempore.*

IN COMMON COUNCIL, March 1, 1883.

Concurred in.

DOUGLAS FRAZAR, *Clerk.*

CITY OF SOMERVILLE.

OFFICE OF WATER BOARD, Dec. 31, 1882.

To His Honor the Mayor and the City Council : —

GENTLEMEN, — The Somerville Mystic Water Board respectfully submit their annual report for the year ending Dec. 31, 1882.

The accompanying report of the superintendent gives, in full, a detailed statement of the property of the city in water works, and also of the work accomplished under his supervision during the year.

That report shows the total amount of distribution pipe, laid to date, in the city of Somerville, to be forty-five (45) miles and four thousand four hundred and eighty-one feet two inches (4,481, 2).

Whole number of stop-gates, four hundred and five (405).

Whole number of fire hydrants, two hundred and ninety-four (294).

There have been added, on extension of the distribution pipe, two thousand four hundred and forty-four feet two inches (2,444, 2).

There have been relaid fifteen hundred and seventy-nine (1,579) feet.

Seventeen (17) stop-gates and eleven (11) new hydrants have been set.

Twelve (12) hydrants have been taken out and replaced by new or repaired and improved ones.

One hundred and sixty-one (161) new services have been put in, in length six thousand and ninety-two (6,092) feet, at an average cost of eighteen dollars and thirty-six cents (\$18.36) each.

There have been made in the shops of the department, during the year, sixty-two hundred and ninety-four (6,294) feet of wrought-iron pipe; one hundred and ninety (190) new service connections. One hundred and sixty-nine (169) services have been cut and fitted.

Twelve (12) old disk hydrants have been altered into gate hydrants, reconstructed and made as good as new, and numerous

repairs have been made on gates, stop-gates, stand-pipes, fountains, blow-offs, and hydrants, by which the works have been placed in most excellent working order.

Water is now supplied as follows : —

Dwelling-houses	3,636
Families in same	5,029
Stores and shops	89
Stables	527
Saloons	6
Offices	1
Manufacturies	4
Churches	6
Laundries	1
Bakeries	4
Clubs	3
Halls	4
School-houses	82
Miscellaneous	19

Value of water works, Dec. 31, 1882, \$341,000.

We are gratified by the knowledge that a most satisfactory improvement has been made during the year in the general condition of the water works, guaranteeing a permanency, well assured. The shops are now supplied with the best and most approved machinery for the manufacture of pipe, and the experience of the last six years, during which not a single break or joint leak has occurred in the pipe which we have made and laid, gives us great confidence in the wrought-iron and cement pipe, and the methods now employed by us in its manufacture.

The urgent plea for money which the Board has made from time to time, that it might have the means with which to remove the worthless pipe laid by the American Patent Water and Gas Pipe Company, is justified, we think, by the quality of the pipe substituted, in streets where there has been great outlay for repairs, occasioned by frequent breaks, and great expense incurred from damage to those streets and the property of abutters.

When that old pipe shall have been entirely removed and replaced with such a superior article as the works are turning out at the present time, the bills for repairs will be but a small item in the expenses of the Water Board compared with what they have been during the few years last past. That this most desirable end may be hastened and the streets all be supplied with pipe that shall be good for generations, we trust that the City Council will be liberal in its appropriations for water maintenance the coming year.

The need of some system of high service is no longer a question of doubt, but of fact, and until the City Council shall employ some means for water supply on our high lands, more efficient than we have at present, that large territory, two hundred acres or more, the most beautiful and desirable land within our borders for residence, will remain but sparsely settled, and that which should be to the city a source of large revenue will hardly pay the expense of the police that protect it.

We would respectfully urge upon the City Council the wisdom and necessity of an early consideration of this question, which is daily growing in importance, and would recommend an examination into the system of high service employed by the city of Salem as one that might, with great promise of success, be adopted by Somerville.

That old and ugly question which has been to the members of the Water Board a continual source of irritation, and put to the test their virtues of patience and forbearance more than all other questions combined, "modification of contract," is still the burden of their anxieties.

The people of Somerville are suffering a wrong which they must and will hold the city fathers responsible for, and, while the magnitude of that wrong is made so apparent to us, because we are brought constantly face to face with it, we cannot excuse ourselves if we neglect to urge upon the City Council the appointment of an efficient committee of business men who shall take that question and grapple with it fearlessly and vigorously until it shall be brought to a successful issue.

It has been our endeavor to manage the work devolving upon us with practical economy and in the interest of the citizen and the

city, and in this effort we have been most ably assisted by the efficient superintendent, Mr. Dennett.

We desire to express our thanks to the members of the City Council for the uniform courtesy extended to us, and to all who in an official capacity have rendered us assistance, especially to the police, who have given us valuable aid in the care of those streets where old pipe yet remaining is liable to break at any moment.

Respectfully submitted,

EDWARD FOOTE.

W. C. CRANE.

A. R. COOLIDGE.

E. S. CONANT.

J. O. HAYDEN.

SUPERINTENDENT'S REPORT.

To the Somerville Mystic Water Board:—

GENTLEMEN, — I respectfully present a report of the work performed under my direction during the year ending Dec. 31, 1882.

WATER PIPE LAID, GATES AND HYDRANTS SET IN 1882.

LOCATION.	Distribution Pipe laid.			Stop-Gates set.				Hydrants set	Hyd'nt pipe laid.	
	2 in.	4 in.	6 in.	2 in.	3 in.	4 in.	6 in.		8 in.	4 in.
Austin Street.....	70								
Boston Street.....		65' ⁴ / ₄'	...	...	...	1			
Brick Yard Lane, Prospect Street Place to Emerson Street.....	... 67									
Brick Yard Lane	69									
Cross St., Extension Westerly		617' ⁴ / ₄'"	...	...	...	1	...	1	...
Egl'ntine Street.....	103			1						8
Emerson Street.....	11								
Garfield Avenue.....	192	73		...	...	...	1			
Hawkins Court	142			2						
London Street	38					1			
Pearl Street, Marshall Street to Walnut Street.		275' ⁴ / ₄'"	...	...	...		...	1	13
Prospect Street, near Fitchburg Railroad.....		17' ² / ₄ '"							
Prospect Street Place.....	141									
School Street, Oakland Ave. to Broadway....	317									
Aldersey Street, corner Vinal Avenue.....		1				
Berkeley Street (controlling blow-off), at dead end.....		1				
Boston Street, corner Cross Street			1			
Bow Street Place (controlling blow-off).....	1					
Franklin Avenue, corner Washington Street..			1						
Garfield Avenue, corner Broadway			1			
Gilman Street, corner Eglantine Street.....		1							
Hanson Street, near Village Street.....	1					
Lake Place (controlling blow-off), at dead end.		1							
Medford Street, corner Cross Street.....			1			
Myrtle Street, near brow of hill.....				1		
Park Avenue, corner Wallace Street.....		1				
Pearl Street, corner Marshall Street.....			1			
Vine Street, corner Hanson Street.....			1			
Washington Street, near Asylum Avenue				1		
Allen Street, corner Charles Street.....				1	4	
Boston Street, at dead end.....				1	18	
Broadway, nearly opposite Sargent Avenue..				1	...	71
London Street, dead end near Lowell R. R....				1	1	
Maple Street, near Medford Street.....				1	18	
Maple Steet, near Poplar Street.....				1	18	
Vinal Avenue, near Highland Avenue.....				1	...	8
Vinal Avenue, near Aldersey Street.....				1	...	7
Vinal Avenue, near School-house.....				1	...	7
Webster Street				1	...	7

WATER PIPES LAID, ETC. — *Continued.*

PIPE FOR BLOW-OFFS.

LOCATION.	Distribution Pipe laid.			Stop Gates set.					Hydrants set.	Hyd'nt pipe laid.	
	2 in.	4 in.	6 in.	2 in.	3 in.	4 in.	6 in.	8 in.		4 in.	6 in.
Berkeley Street, dead end.....	12						
Bow Street Place, dead end.....	14							
Brick Yard Lane, near Emerson Street	7							
Lake Place, dead end.....	2							

GATES DISCONTINUED.

Emerson Street, corner Newton Street.....	.....	.....	.....	1							
Hanson, corner Durham Street.....	.....	.....	.....	1							
Washington Street, near Franklin Avenue...	.....	.....	.....	1							

BLOW-OFF DISCONTINUED.

Emerson Street, near Brick Yard Lane.....	1							
---	-------	-------	-------	---	--	--	--	--	--	--	--

WATER PIPE RELAID IN 1882.

LOCATION.	2 in.	3 in.	4 in.	6 in.	8 in.
Allen Street.....	501		
Appleton Street.....	7		
Beacon Street.....			6
Beacon Street.....		7	
Berkeley Street	5		
Broadway.....			7
Chester Street.....	5		
Cross Street.....	7		
Dane Street		7	
Dane Street		8	
Elm Court	5			
Franklin Street.....		6	
Gilman Street.....		7	
Jaques Street	16		
Kent Court.....		8	
Linden Street		8	
Maple Street.....	7		
Maple Street.....	6		
Myrtle Street.....			385
Newbury Street.....		7	
Oliver Street.....	7		
Otis Street	7		
Park Avenue.....	6		
Poplar Street.....	6		
Professors' Row.....	13		
School Street.....	7		
Spring Street.....	6		
Somerville Avenue.....	7		
Vinal Avenue.....		6	
Vinal Avenue.....		472	
Wallace Street		8	
Washington Street			7
Washington Street		8	
Waverly Street.....	4				

DISTRIBUTING MAINS.

The distributing mains have been extended, during the year, 2,444 feet and 2 inches, of which 186 feet was hydrant pipe and 60 feet blow-off pipe, making the total length of pipe now laid 45 miles 4,628 feet and 2 inches.

There was relaid 1,579 feet of pipe.

During the year there were thirty-three breaks, fourteen joint leaks, and two leaks from rust-holes.

Of the above several were of a very serious nature, causing much damage to streets and to the property of abutters. Damages were claimed by the latter in five instances, and in four were settled at an expense of \$140.00. The streets wherein these breaks and leaks have occurred are those to which attention was called in a previous report, and were laid with contract pipe, which, when uncovered, has been found, I regret to say, in a perishing condition, and much of it will have to be relaid or extensive repairs made at an early day. I recommend to the Board that all doubtful streets be tested under pressure of force pumps, or by a method similar to that employed in Lowell, that the weak places may be detected and repaired at once. The fourteen joint leaks above named were caused by the rotting of rope on wound joints, so called, and as fast as these come to repair they are replaced by a cast-iron joint, which remedies all difficulty. Wound joints are entirely unreliable on account of their tendency to rot.

SERVICE PIPES.

The whole number of service pipes laid was one hundred and sixty-one, an increase of twenty-two over the previous year. Their total length is 6,092 feet, and the average cost of each service was \$18.36.

There were thirty-four leaks on service pipes, of which,
19 were caused by broken leaks

- | | | | | |
|---|---|---|---|------------------------|
| 4 | " | " | " | loose couplings, |
| 5 | " | " | " | defective nipples, |
| 3 | " | " | " | settling of earth, and |
| 3 | " | " | " | picks. |

These pipes are always liable to freeze in extremely cold weather, and the usual amount of labor was caused thereby during the past year. I again recommend that they be at once lowered beyond the reach of frost.

I am under the necessity of again calling your attention to Bond Street, referred to in my last report. The pipe there remains the same, and the services freeze regularly every winter.

The number of service pipes stopped by rust, frost, and other causes was one hundred and eight, of which forty-one were dug up and retapped at the main, forty-four were cleared by force pumps, and twenty three were thawed out.

Eighteen services were lowered on account of change in street grades.

Water has been shut off from sixty-five dwelling-houses, stables, school-houses, etc., on account of leakages inside the premises.

Forty-three decayed wooden boxes have been taken out, and cast-iron boxes substituted.

As many of the wooden service boxes are situated in gutters, on account of the widening of streets, and as all of them are either decayed or filled with stones, thereby causing great inconvenience and expense to the department, I recommend that the stop-cocks be removed to their proper position inside the curbstone, and that iron boxes be substituted for wooden ones.

STAND-PIPES FOR WATERING STREETS.

The stand-pipe on the corner of Thurston Street and Broadway was removed to the corner of Sycamore and Medford Streets, and repairs were made upon that and other stand-pipes, to the amount of \$26.62. All the stand-pipes worked to the entire satisfaction of the Highway Department, and all are now in good order.

DRINKING FOUNTAINS.

These remain about the same as last year, except that the fountain in Union Square, near the flag-staff, was discontinued, and one of the Jenks pattern set at the junction of Somerville Avenue and Washington Street.

The granite watering troughs, alluded to in a previous report, are much too shallow, and should be made deeper or new ones substituted.

STOP-GATES.

Stop-gates were set on old mains and located as follows : —

Four-inch gate on Aldersey Street, corner Vinal Avenue.

Six-inch gate on Vine Street, corner Hanson Street.

Four-inch gate on Park Avenue, corner Wallace Street.

Eight-inch gate on Myrtle Street, near brow of the hill.

Eight-inch gate on Washington Street, near entrance to asylum.

Three-inch gate in Franklin Avenue, corner Washington Street.

Four-inch gate on Hanson Street, near Village Street.

The following-named gates were set on the extension, and located as follows : —

Six-inch gate on Garfield Avenue, corner of Broadway.

Six-inch gate on Medford Street, corner Prospect Hill Street.

Six-inch gate on Boston Street, corner Prospect Hill Street.

Six-inch gate on corner Pearl and Marshall Streets.

Two-inch gate on corner of Hawkins Court and Lake Place.

Two-inch gate at end of Lake Place, for blow-off.

Two-inch gate on corner of Gilman Street and Eglantine Avenue

Three-inch gate on Bow Street Place, for blow-off.

Four-inch gate on Berkley Street, for blow-off.

The following-named gates were discontinued, there being no further use for them : —

One on corner of Emerson and Newton Street.

One small two-inch gate on Washington Street, near Franklin Avenue.

One on the corner of Hanson and Durham Streets.

Repairs upon stop-gates were made as follows : —

One on the corner of School and Avon Streets was taken out and replaced by a new one ;

3 had new spindles ;

26 had gate boxes in place of old ones ;

52 were repacked ;

13 had general repairs ;

5 of the small plug gate boxes were removed and replaced by large boxes with frames ;

8 boxes were raised to grade ; and

14 had general repairs.

The gates had the usual attention paid them, and are now in good order. The whole number of gates in the city is four hundred and five, of which twenty-four are for blow-offs, and of the latter those put in the past year are located as follows : —

One at the end of “ Lake Court ” ;

One at dead end of Bow Street Place ;

One at dead end of Berkley Street ; and

One on Newton Street, near Emerson Street.

HYDRANTS.

Eleven new hydrants were set, two on the extension, viz., Pearl Street, two hundred and seventy-five feet from Marshall Street, and Prospect Hill Street, corner of Boston Street, and nine on old mains, viz. : —

Allen Street, corner of Charles Street.

Vinal Avenue, near the school-house.

Vinal Avenue, near Aldersey Street.

Vinal Avenue, near Highland Avenue.

Broadway, nearly opposite Sargent Avenue.

Maple Street, near Medford Street.

Maple Street, near Poplar Street.

Dead end of London Street, near Boston and Lowell Railroad.

Dead end of Boston Street.

Twelve hydrants were taken out and altered to Holyoke pattern ; eleven of the old Bigelow pattern hydrants, the wooden jackets of which rotted away, were furnished with cast-iron jackets.

Three hydrants were moved back to make room for curbstones.

Seventeen had general repairs, such as bolts, nuts, valves, gaskets, etc.

Seven found frozen were thawed out, and eight had the clay soil removed from around them, and gravel filling substituted.

As usual, the hydrants received careful attention, especially during the cold season, when they require constant supervision, particularly those of the disk pattern; and I am happy to state that no complaint, on account of freezing or disarrangement, was received from the Fire Department.

The whole number of hydrants in the city is two hundred and ninety-four.

WORK OF DEPARTMENT SHOPS.

The shops of the department are now amply provided with the most improved tools and machines for the manufacture and lining of wrought-iron and cement pipe, and also for making all repairs appertaining to the works. There were made during the year 6,294 feet of wrought-iron pipe and one hundred and ninety new service connections, and one hundred and sixty-nine services were cut and fitted. Twelve old hydrants of the disk pattern were altered into gate hydrants, and many repairs were made upon hydrants, stand-pipes, gates, fountains, etc.

STOCK ACCOUNT.

Pipe lined	\$665 30
Pipe not lined	307 56
Sheet-iron branches lined	4 00
Sheet-iron branches not lined	8 00
Sleeves on hand	21 86
Gates on hand	188 20
Branches on hand	141 18
Sheet iron on hand	1,220 04
Hydrants on hand	744 60
Tools for water works	2,435 79
Service material	1,394 82
Sundry material	313 39
Stable department	1,332 42
Office furniture	177 00

Total amount stock, tools, etc., on hand, Jan. 1,

1383 \$8,954 16

Respectfully submitted,

NATHANIEL DENNETT,

Superintendent.

REPORT
OF THE
OVERSEERS OF THE POOR.

CITY OF SOMERVILLE.

IN BOARD OF ALDERMEN, March 14, 1883.

Referred to the Committee on Printing, to be printed with the Annual Reports for the year 1882, and sent down for concurrence.

CHARLES E. GILMAN, *Clerk.*

IN COMMON COUNCIL, March 15, 1883.

Concurred in.

DOUGLAS FRAZAR, *Clerk.*

CITY OF SOMERVILLE.

To his Honor the Mayor and City Council of the City of Somerville:—

GENTLEMEN, — In accordance with custom we submit to your consideration and for your information an abstract of our doings and an exhibit of the expenditures of the funds intrusted to our care in aid of the poor for the past year. Our secretary, under instructions from the Board, has prepared a set of tables which will give you the “true inwardness” of the working of *outside aid* to the poor. This whole system is radically wrong. To illustrate, we quote from a well-posted writer on this subject, James H. Lewis, Esq., of Springfield, Mass. :—

OUTSIDE RELIEF.

In this department of our work lies the greatest opportunity for abuse. The disbursement of temporary assistance to the poor in their own homes, without the most searching investigation, is sure to be followed by demoralizing tendencies, is likely to result in an increase of mendicancy, the breaking down of ambition to be self-supporting, and, in fact, to become a fruitful source of pauperism. All writers of note upon this subject, as well as those practically engaged upon the work of relieving the poor and ameliorating their condition, agree upon this point. In the cities of Brooklyn, N. Y., and Philadelphia, Pa., the system of temporary outside relief, so far as those municipalities are concerned, has been for several years totally abolished. The results have been very gratifying. It has not been followed, as might be supposed, by an increased number of paupers supported in the almshouses, but, on the contrary, a smaller number have received full support than under the old *régime*. The inference is, therefore, that by removing the demoralizing influences attending the disbursement of municipal relief to the poor in their homes, those who otherwise ask for and receive assistance look about for the means of earn-

ing what they would otherwise receive in dole. Thus they are forced in a measure to rely upon themselves. Habits of frugality and independence almost imperceptibly take the place of dependence and want. As a result the condition of the poor is elevated and improved, and the burden upon the public treasury lightened.

It must not be supposed that *no* outside relief is given in Brooklyn and Philadelphia, but so far as those municipalities are concerned this is true. Private associations in each of those cities supply the wants of such as are found needy through sickness or temporary disability.

It cannot be agreed that it makes no difference whether this relief be granted by the municipal authorities or by private organizations. It does make a very material difference. Private charity cannot in the nature of things be attended by those demoralizing influences pervading and surrounding municipal aid.

Especially is this true when such relief is given only after a most thorough and searching investigation of the needs of the applicant and his ability to care for himself. Then he is visited from day to day by the trained visitors of the society, and counselled and assisted. An active interest is taken in his individual case, his personal surroundings are carefully considered, his adaptation for a particular kind of labor is investigated, and, if practicable, that work which he is best qualified to perform is found for him. This may be done to test his willingness to earn his own support. If he accepts the opportunity to labor and works faithfully, his improved condition and that of his family amply repay the time and labor spent. If he neglects it, the workhouse should be his abiding place.

The work, if done by the city authorities, would require a large force of paid visitors, and then would not be half done. Human nature is so constituted that money cannot pay for as good service as that which comes as a voluntary act of a self-denying Christian people in their endeavor to better the condition of their fellow-creatures.

We fully indorse the theory and principles quoted above, and an examination of the tables, herewith presented by our secretary, must convince you that the careful investigation required as above into *all* cases in our city, under our present organization, is almost an impossibility.

We have no *almshouse*, no *burial ground*, in fact nothing but money to expend. There has been quite a change in the manner of giving orders in the past three years, and it has worked well, as the following figures will show.

Orders.	Groceries.	Fuel.	Dry Goods and Boots and Shoes.	
1879.....	\$4.608 46			
1882.....	3,305 95		.....	Difference, \$1,302 51
1879.....	.....	\$3,057 58		
1882.....	.....	1,243 06	.....	" 1,814 52
1879.....	.....	.....	\$1,382 02	
1882.....	.....	.....	472 05	" 909 71

Showing a decrease of orders for these articles since 1879 of \$4,021.74.

To offset, our bills in public institutions in 1879 were \$2,708.00, in 1882 \$5,272.17, an increase of \$2,564.17, and the increase is steady and will continue to be.

We again call your attention to the necessity of an almshouse and a burial place.

In the interest of economy and humanity the city should furnish the above requirements. We do not need a large investment. The city has the land, in a very proper location for *both*, near railroads, not encroaching on our citizens, the "City Farm," so called, originally bought for a burial place.

The building, with furniture, fences for garden, etc., and fencing for burial ground, need not cost over \$12,000; the interest on same at 5 per cent would be \$600; this would be the plant for both requirements. A man and wife for superintendent and matron, having board and rent, would require small pay, say \$500, and for this amount the almshouse and burial place is complete and in running order. The moral effect on the two hundred and sixty-three families, shown in tables 1, 2, 3, and 4, would pay the above amount, relieving at once our charges in public institutions; the moderately insane in Boston and State almshouses, and truant boys, as shown in table No. 5, would give the place a working business.

LIST OF TABLES.

TABLE NO. 1. Gives those persons aided by dole from office, having legal settlement in Somerville.

TABLE NO. 2. Those persons residing in Somerville, having legal settlement in other towns and cities and paid by them.

TABLE No. 3. Those persons residing in Somerville, having no legal settlement, paid in part by the State.

TABLE No. 4. Those persons residing in other towns and cities, having a legal settlement in Somerville and charged to the city.

TABLE No. 5. List of persons in the public institutions. Insane 23, House of Correction 8, Truant School 5, Boston Alms-house 3, State Workhouse 3, State Almshouse 1, State Reform School 2; in all 45.

TABLE No. 6. List of persons boarded in private families in the city, 17.

TABLE No. 7. Number of families for whom rent is paid.

TABLE No. 8. Number of persons buried by the board, 39, and to whom chargeable.

TABLE No. 9. Showing the number of persons to whom orders have been given from the office of the board, belonging to the city other towns and cities, and to those having no settlement, the dates when given, amounts, kind of goods, and totals for the year, at 26 meetings.

TABLE No. 10. Financial report. Appropriations, and receipts from other towns and cities, and State, etc.; also disbursements by pay rolls and expenditures as per ledger.

TABLE No. 11. Store-keeper's report. Amount of stock on hand, Jan. 1, 1882, amount bought, amount delivered on orders, etc., amount on hand, Dec. 31, 1882, with the expenses of the store.

We desire to call your attention to one of the duties pertaining to the office of overseer, which is, in looking up and legally fixing pauper settlements; it requires much time and labor to protect the city and do justice to applicants.

We had last year one case, which, after reasonable investigation, we supposed to be a State ward, and so notified. By the State official we were required to see if they were not settled in Boston, then in one or more other places, and finally to Andover, Mass.; from that town we received answer that no such person had lived there for the last century, but if we could show that the applicant had not gained a settlement by ancestors or otherwise since that time they would look *further back*, and expressed a hope that we would not let the parties suffer in the mean time. This duty is a

fruitful source of perplexity and trouble, and needs to be carefully attended to.

Gentlemen, this report with tables we herewith respectfully submit to you for approval, feeling that, to the best of our abilities, we have performed the duties of our trust faithfully, for the best advantage of the city and its wards, and respectfully ask that it be printed as a part of the City Reports for 1882.

Respectfully submitted,

ANSEL LEWIS,
THOMAS CUNNINGHAM,
F. G. WILLIAMS,
Overseers of the Poor.

Table No. 1.

RELIEF GIVEN BY ORDERS FROM THE OFFICE OF THE OVERSEERS OF THE POOR TO FAMILIES HAVING A LEGAL SETTLEMENT IN THE CITY OF SOMERVILLE DURING YEAR 1882.

L. F.	NAMES.	Families.	No. of Persons.	No of Orders.	Am't of Orders.	Am't of Rents.	Miscella- neous.	Remarks.
1	Rose Connors	*W. & Ch.	4	32	\$51 82	.....	20 00	Burial.
2	John O'Donnell.....	H. W. & Ch.	5	37	82 29			
3	Ellen Sullivan.....	W. & C.	2	25	41 05	\$48 00		
4	Ellen Braslin.....	W. & Ch.	3	8	12 65			
5	Susan Donnelly	W. & Ch.	4	32	68 00	37 00	.....	{ Husband Insane.
7	Mrs. John Casey	W. & Ch.	8	32	68 55			
8	John Barry.....	F. & C.	2	18	32 15			
11	Thomas Mahoney ...	M. W. & C.	4	42	96 90	62 51		
12	William Anderson...	M. & W.	2	33	65 25			
13	Sylvester Sullivan...	H. & W.	2	16	26 75	.....	69 57	Board.
16	Ann Nolan.....	W. & Ch.	3	4	8 30	36 00		{ Board of children of Nellie Kelley.
18	Mrs. D. Liston	W. & Ch.	6	28	76 25	32 00		
19	Edward Welsh.....	M. & W.	2	33	61 20			
20	Mrs. Thos. Kelley...	W. & Ch.	3	9	10 05			
21	Mrs. John Kelley....	M. W. & C.	4	22	44 85	.....	62 13	
22	Walter Shalley.....	M. & W.	2	21	39 45			
24	Mrs. Martin Grady..	W. & Ch.	6	40	113 85	52 00		
25	Matthew Ryan	M. W. & Ch.	4	5	10 95			
26	Mrs. Thos. Gallagher	Widow.	1	35	58 95			
27	Ann Tierney.....	Widow.	1	26	30 40			
28	Margaret Donovan ..	Widow.	1	31	48 75			
30	Frank O'Neil.....	Orphan.	1	18	32 90	.....	21 00	Burial.
31	Kate Purcell	W. & Ch.	3	47	74 95			
32	Maggie Cross.....	Single.	1	29	39 35			
35	Mary Foley.....	W. & Ch.	3	7	12 60			
36	Sarah Charleton....	Widow.	1	35	69 45			
37	Ellen Driscoll.....	W. & Ch.	4	35	71 75			
39	Thos. Malaney.....	H. W. & Ch.	10	13	25 50			
40	Margaret Timmins ..	W. & Ch.	3	17	32 25			
41	Edward Dempsey...	F. & Daug.	2	23	35 40	.....	27 40	Board
44	Nora Boyle.....	W. & Ch.	3	38	72 70			
45	Ellen Queenan and child of Baldwin }	W. & C.	2	38	64 95			
46	Timothy Sullivan...	F. & Ch.	4	30	47 70			
47	Mrs. Thos. Logan ...	W. & Ch.	6	42	83 95			
48	Kate Leonard	W. & Ch.	4	36	67 35			
49	Thos. McDermott ...	Single.	1	33	58 10	31 00		
50	Agnes McFarland ...	W. & Ch.	3	4	6 45			
52	Ellen Downey.....	W. & Ch.	7	34	115 90	65 00		
53	Mary O'Brien	W. & Ch.	3	35	65 25			
54	Mrs. N. Flemming...	W. & Ch.	3	4	5 50			
55	Timothy Sullivan...	H. W. & Ch.	4	29	56 04			
57	John Smith.....	H. W. & Ch.	3	32	55 90			
58	Catherine Neenan...	Widow.	1	12	27 50			
59	Philip Hughes.....	Single.	1	17	30 27			
60	Bridget Gill.....	W. & Ch.	3	33	58 15			
61	Thomas Moran.....	H. & W.	2	33	59 00	60 00		
62	Mrs. P. Mahoney....	W. & Ch.	5	40	73 54	.....	12 00	Burial.
63	Cath'e Thompson...	W. & Ch.	5	38	56 40			
64	Mrs. Patrick Flaherty	W. & Ch.	4	15	25 10	36 00		
65	Margaret McDonald.	W. & C.	2	29	43 45			
66	Ellen Steward.....	W. & C.	2	13	21 30	16 00		
219	Catherine McGurk ..	Widow.	1	5	7 75			
224	Catherine Donahoe..	W. & Ch.	3	1	2 25			
224	Mrs. M. Goodwin....	W. & C.	2	16	52 05	66 00		
226	Mrs. W. S. Lindsey..	W. & C.	2	2	3 45			
227	Mrs. Ellen Grady....	Widow.	1	11	25 35	48 00		
228	Nancy McKenna	Widow.	1	1	2 20			
228	John Lynch.....	H. W. & Ch.	7	1	3 00			
Am't carried forward		58	182	1,375	\$2,633 11	\$589 51	\$212 10	

* H., Husband; F., Father; W., Widow or Wife; C., Child; Ch., Children.

RELIEF GIVEN BY ORDERS FROM THE OFFICE OF OVERSEERS OF THE POOR TO FAMILIES HAVING A LEGAL SETTLEMENT.— *Continued.*

L. F.	NAMES.	Families.	No. of Persons.	No. of Orders.	Am't of Orders.	Am't of Rents.	Miscella- neous.	Remarks.
	<i>Am't br'ght forward.</i>	58	182	1,375	\$2,633 11	\$589 51	\$212 10	
229	Mrs. William Dooner	Widow.	1	18	25 70			
230	Ann Haggerty.....	W. & Ch.	3	2	4 40			
231	Patrick McDermott..	H. W. & C.	3	29	50 00			
233	Lucretia Gorham....	W. & C.	2	12	23 75			
233	Carl Colson.....	H. & W.	2	5	8 35			
239	Elizabeth Gill.....	W. & Ch.	5	4	7 25			
240	Hannah Ambrose....	Widow.	1	15	21 80			
241	Frank Eagan.....	H. W. & Ch.	5	37	93 55			
241	Patrick Gallagher ...	M. W. & Ch.	5	49	76 00	40 00		
242	Child of Chas. Ogden	Orphan.	1	3	10 00			
243	Mary Wood.....	Widow.	1	3	5 45			
244	Woodman	Single.	1	2	4 65			
248	Mary E. Nowlin.....	W. & Ch.	4	1	4 90	60 00		
249	John Davidson.....	M. W. & Ch.	8	3	10 00			
253	J. D. Lovell.....	H. W. & C.	3	3	6 20			
253	Mary Quinn.....	W. & Ch.	6	33	76 05	50 93		
254	Ann McIntyre.....	W. & Ch.	4	27	41 20			
255	Child'n of Jas. Gavin.	2 Ch.	2	2	2 75	.....	276 14	Board.
255	Child'n of T. Sullivan	M. & Ch.	3	9	14 77	.....	200 58	Board.
256	Ellen Fergusson....	W. & Ch.	6	31	61 80			
256	Elizabeth Hayes.....	W. & Ch.	4	36	59 05			
257	Mary Cullity	Single.	1	27	29 55			
258	Timothy Donnavan..	M. W. & Ch.	5	19	37 80			
259	Margaret Fogarty...	W. & Boy.	2	31	44 20	24 00		
259	Mary Cotter.....	Single.	1	26	29 25			
260	William Harvey.....	H. W. & Ch.	6	11	22 30			
260	James Fenton	H. W. & Ch.	4	13	23 90			
261	Daniel Roach.....	H. W. & Ch.	4	9	17 75			
262	Ann McCauley.....	W. & Ch.	3	29	48 90			
263	Margaret Mooney ...	Widow.	1	32	40 00			
263	Mrs. Sarah Tarr.....	.....	3	5	8 50			
264	Mrs. Dennis Tinnan..	W. & Ch.	3	5	9 40			
313	Mrs. B. Gerrish.....	W. & Ch.	3	1	4 20			
321	Dennis McCarthy....	H. W. & Ch.	4	4	11 50			
324	John Morris.....	Single.	1	1	2 45			
326	Mary Foren	W. & Ch.	3	15	23 48			
322	Honora Dunn	W. & Ch.	3	6	13 40			
340	Almira Wilson.....	Single.	1	1	2 00	.....	108 88	Board.
344	Celia Hoar	W. & Ch.	3	2	4 40			
345	Mary Mellen	W. & Ch.	4	15	28 20			
347	E. H. Elliott	Single.	1	.....	.....	33 00		
347	Hannah Durgin	W. & C.	2	14	23 65	51 00		
349	Littlefield.....	.....	1	.....	.....	.....	176 00	Board.
350	Mrs. Oswald	Widow.	1	1	5 20	.....	20 00	Burial.
350	Mrs. M. Manning....	Widow.	1	1	5 20			
351	Ann Hopkins.....	W. & C.	2	7	11 35			
351	Peter Teehan.....	H. W. & C.	3	11	19 85			
352	John Cowhig.....	H. W. & C.	3	6	10 65			
353	Mary Foley	W. & C.	2	3	5 90			
353	Patrick Galligher....	H. & W.	2	2	5 20			
354	John Donavan.....	H. W. & Ch.	7	2	3 20	.....	.....	} No settle- ment.
357	Patrick Calahan	H. W. & C.	3	4	8 00			
358	Ellen Powers.....	W. & Daug.	2	1	1 50			
359	Lucy Butler.....	Widow.	1	1	2 20			
360	Patrick Kenney, 2d..	H. W. & C.	3	2	4 40			
362	L. H. Cuddyhy	H. W. & Ch.	4	3	12 40			
364	Catherine Shagrne...	W. & C.	2	2	3 10			
364	H. Overholt	H. & Ch.	4	3	8 95			
365	Thos. Greenough....	H. W. & Ch.	5	1	1 50			
365	John J. Rodgers	H. & W.	1	.....	.....	.....	61 14	{ Board & Burial.
368	Ann Garvin.....	Widow.	1	3	3 50			
	<i>Am't carried forward</i>	118	356	2,018	\$3,777 66	\$848 44	\$1,054 84	

RELIEF GIVEN BY ORDERS FROM THE OFFICE OF OVERSEERS OF THE
POOR TO FAMILIES HAVING A LEGAL SETTLEMENT.— *Concluded.*

L. F.	NAMES.	Families.	No. of Persons	No. of Orders.	Am't of Orders.	Am't of Rents.	Miscella- neous.	Remarks.
	<i>Am't br'ght forward.</i>	118	356	2,018	\$3,777 66	\$848 44	\$1,054 84	
368	Ellen Conners.....	W. & Ch.	4	31	49 75			[ment.
369	Hannah Stewart.....	Widow.	1	1	2 50	.....	.....	No settle-
370	Hannah Wilberton..	Widow.	1	1	1 50	.....	.....	No settle-
370	Sarah Trask.....	Widow.	1	1	4 00			[ment.
370	Mrs. James Purcell..	W. & Ch.	4	1	2 50	25 83		
371	Rob't Hovey's child'n	Children.	2	2	11 00	.....	.....	Insane.
372	Delia Holland.....	W. & Daug.	2	3	11 60			
372	John Holland.....	Single.	1	1	1 75			
373	Mrs. W. H. Dodge ..	W.	1	1	3 00			
375	Ellen Mortimer.....	H. W. & Ch.	4	1	2 40			
376	Jane O'Brien.....	Widow.	1	1	3 70			
377	Rupert.....	.....	1	1	1 65			
377	Margaret Copeland..	W. & Ch.	5	31	29 33	.....	10 00	Burial.
378	Mrs. John Shehan...	W. & Ch.	3	1	2 45			
378	Minnie Murphy.....	Orphan.	1	1	2 45			
252	Charles Cauney.....	H. W. & Ch.	4	1	2 00			
379	Mrs. Jesse Abbott...	M. & D.	.....	.....	.....	.....	71 14	Board.
366	Chas. McMakin.....	H. W. & Ch.	6	11	33 15	21 00		
	Total	136	398	2,108	\$3,942 39	\$895 27	\$1,135 98	

Table No. 2.

LIST OF PERSONS AIDED BY THE OVERSEERS OF THE POOR OF SOMERVILLE, LIVING IN THE CITY, BUT HAVING A PAUPER SETTLEMENT IN OTHER TOWNS AND CITIES.

L. F.	NAMES.	Families.	No. of Persons.	No. of Orders.	Am't in Orders.	Rent.	Miscellaneous, Medicine, Burial, etc.	Total.	Name of Town Charged to.
9	Hannah Ginty.....	W. & S.	2	31	\$52 25	.....	.....	\$52 25	Natick.
6	Irwin's child.....	Orphan.	1	12	18 00	.....	.....	18 00	Boston.
17	M. A. Corbett.....	W. & Ch.	4	16	29 75	.....	\$4 60	34 35	Lawrence.
33	Mrs. P. Barry.....	G. W. & Ch.	4	9	16 30	\$24 00	3 00	43 30	Bridgewater
38	Ellen Doherty.....	W. & Ch.	4	32	49 95	.....	.....	49 95	Boston.
42	Edw'd Fitzpatrick..	H. W. & Ch.	5	33	69 70	.....	.....	69 70	"
43	Jessie Keene.....	W. & Ch.	6	22	45 90	.....	.....	45 90	"
54	N. Flemming.....	H. & W.	3	5	9 75	.....	.....	9 75	"
67	Ellen Quirk.....	W. & Ch.	5	40	69 65	.....	.....	69 65	Arlington.
68	Mary O'Brien.....	W. & Ch.	6	12	25 10	.....	3 00	28 00	Boston.
69	Margaret Burke.....	W. & Ch.	3	32	54 65	.....	.....	54 65	"
236	Chas. R. Williams..	Single	1	9	17 35	.....	.....	17 35	Woburn.
236	John O'Brien.....	M. W. & Ch.	4	17	34 15	.....	.....	34 15	Boston.
240	B. Mullen.....	Widow.	1	.....	.....	.....	2 00	2 00	Woburn.
248	Mrs. B. Conlon.....	W. & Ch.	4	3	6 00	.....	.....	6 00	Cambridge.
251	W. F. Pike.....	H. W. & Ch.	4	5	9 20	.....	.....	9 20	Chelsea.
257	Michael Eagan.....	H. W. & Ch.	4	23	35 25	.....	.....	35 25	Woburn.
261	Ira Colley.....	H. W. & Ch.	4	2	4 20	.....	1 00	5 20	No settl't. B.
264	L. T. Whitney.....	W. & h.	3	6	13 41	.....	.....	13 41	Boston.
265	Michael Cross.....	H. & W.	2	3	10 40	.....	.....	10 40	"
265	Mrs. P. White.....	W. & Ch.	3	3	6 40	.....	.....	6 40	"
317	F. E. Roberts.....	H. W. & Ch.	4	9	24 10	.....	.....	24 10	"
317	G. A. Roberts.....	H. W. & Ch.	4	1	2 00	.....	.....	2 00	"
318	G. E. Jackson.....	H. W. & Ch.	5	3	5 00	.....	.....	5 00	Canton.
346	Mary Holland.....	W. & C.	2	12	25 11	.....	10 00	35 11	Milford.
350	Jno. Mahoney.....	H. W. & Ch.	5	10	20 15	.....	.....	20 15	Boston.
351	Ellen Buckley.....	Widow.	1	13	32 65	.....	.....	32 65	"
352	Ellen Farrington...	H. W. & Ch.	5	14	31 75	.....	10 00	41 75	Wakefield.
353	R. L. Walker.....	W. & Ch.	3	22	56 04	.....	.....	56 04	Malden.
354	Wm. Crangle.....	H. W. & Ch.	4	5	9 90	.....	.....	9 90	Sandwich.
35	Fred Wilber.....	H. W. & C.	3	6	10 45	.....	.....	10 45	Lawrence.
356	Mrs. G. Holland...	H. W. & Ch.	4	7	11 15	.....	3 00	14 15	Milford.
357	S. J. Murray.....	W. & Ch.	4	9	17 35	.....	10 00	27 35	Melrose.
358	S. C. Hypson.....	H. W. & Ch.	5	11	27 35	.....	22 00	49 35	Manchester.
361	W. H. Sheridan ..	H. W. & Ch.	4	4	8 96	.....	26 00	34 96	Dedham.
331	Jane Marshall.....	Widow.	1	.....	.....	.....	2 00	2 00	Boston.
362	Thos. McKinley...	Single.	1	9	17 25	.....	7 60	24 85	Fall River.
363	E. G. Boyle.....	W. & Ch.	3	21	39 00	.....	.....	39 00	Chelsea.
363	Francis McElroy ..	W. & Ch.	4	8	12 70	.....	2 00	14 70	Lowell.
363	Mrs. J. T. Flanigan.	H. W. & M.	3	4	7 70	.....	.....	7 70	Cambr'g'p't.
367	Richard Volkman..	H. W. & C.	3	1	2 70	.....	.....	2 70	Boston.
367	Mrs. D. Shea.....	W. & C.	2	2	3 09	.....	.....	3 09	No settlem't.
367	Zella White.....	.....	.....	1	.....	.....	20 00	20 00	Lowell.
369	Catherine Lehre...	W. & Ch.	3	3	9 50	.....	.....	9 50	Boston.
375	Mary P. Jordan...	W. & Ch.	3	.....	6 54	.....	.....	6 54	"
378	L. H. Babcock.....	.....	.....	1	.....	.....	8 00	8 00	Salem.
Total		46	153	490	\$957 80	\$24 00	\$133 60	\$1,115 40	

Table No. 3.

LIST OF PERSONS AIDED BY THE OVERSEERS OF THE POOR, LIVING IN THE CITY, WHO HAVE NO LEGAL SETTLEMENT, CHARGEABLE TO THE STATE.

L. F.	NAMES.	Families.	No. of Persons.	No. of Orders.	Am't in Orders.	Miscellaneous, Burial, etc.	Total Charged State.	Remarks.
20	Thomas Willey.....	W. & Ch.	3	9	\$10 05	.....	\$10 05	
232	Thomas Porter.....	H.W.& Ch.	5	3	8 40	.....	8 40	
238	Catherine Sullivan.....	W. & Ch.	3	4	7 40	.....	7 40	
242	Louise Pattee.....	Widow.	1	4	9 70	.....	9 70	
249	John Davidson.....	H.W.& Ch.	8	5	10 00	.....	10 00	
252	Ann Burke.....	W. & Ch.	5	7	15 60	.....	15 60	
316	John Curran.....	H.W.& Ch.	4	3	10 60	.....	10 60	
318	Daniel Curran.....	H.W.& Ch.	4	2	5 15	.....	5 15	
319	Rose McMahon.....	W. & C.	2	3	5 90	.....	5 90	
319	Mary Haley.....	W. & Ch.	5	6	12 60	.....	12 60	
319	Ann Fitzpatrick.....	W. & Ch.	3	9	21 90	.....	21 90	
321	Dennis McCarty.....	H.W.& Ch.	4	5	11 50	.....	11 50	
322	Eliz. Furnace.....	W. & C.	2	5	7 45	.....	7 45	
326	John Donnelly.....	H.W.& Ch.	5	7	16 50	.....	16 50	Burial.
329	M. Sullivan.....	H. W. & C.	3	7	24 00	.....	24 00	
335	C. Hubert.....	H. W. & C.	3	3	6 90	.....	6 90	
336	Thomas Greens.....	H.W.& Ch.	5	9	15 95	.....	15 95	
338	B. Downey.....	W. & Ch.	3	5	9 90	.....	9 90	
346	Mrs. A. Chambers.....	W. & Ch.	3	6	15 80	.....	15 80	
355	Isaac Marvin.....	H.W.& Ch.	4	9	18 20	\$12 00	30 20	Burial.
356	Patrick Galvin.....	H.W.& Ch.	4	4	8 90	36 00	44 90	Rent, \$15; Bur'l,
356	Mrs. Lester.....	W. & Ch.	5	6	11 40	.....	11 40	[\$15; Med., \$6.
359	E. H. Wilson.....	H. & W.	2	6	12 00	.....	12 00	
359	C. Carpenter.....	H.W.& Ch.	5	7	16 70	10 00	26 70	Burial.
360	L. A. Jackson.....	M. S. & C.	3	6	13 10	.....	13 10	
362	Mrs. L. Gray and L. Fisher	W. M. & C.	3	8	15 15	10 00	25 15	
364	Lizzie O'Neil.....	Single.	1	6	14 20	9 75	23 95	
369	James Durgin.....	H. W. & C.	3	1	1 50	.....	1 50	
371	Ellen McDermott.....	.....	1	1	.....	5 00	5 00	Burial.
373	M. Jorgensen.....	W. & Ch.	4	1	9 30	15 00	24 30	"
373	Bernard Klapback.....	.....	.....	1	.....	15 00	15 00	"
374	Thomas M. Frank.....	.....	.....	1	.....	7 50	7 50	"
374	Mrs. Charles Robert.....	W. & Ch.	5	6	15 60	12 00	27 60	"
374	Teddy Murphy.....	.....	.....	1	.....	20 00	20 00	"
375	Amelia Gilbert.....	W. & Ch.	3	3	5 85	2 50	8 35	Medicine.
376	John Gallagher.....	Hus.	1	2	3 90	3 00	6 90	"
376	Mary Gallagher.....	W. & C.	2	1	2 00	.....	2 00	
376	H. Williams.....	H.W.& Ch.	4	3	5 90	.....	5 90	
Total		38	121	175	\$379 00	\$157 75	\$536 75	

Table No. 4.

PERSONS AIDED BY OTHER TOWNS AND CITIES, HAVING A LEGAL SETTLEMENT IN THE CITY OF SOMERVILLE AND CHARGEABLE TO SOMERVILLE.

Where.	Name.	Families.	Am't.	Am't.	Total.	Remarks.
Boston.....	Timothy Connors.....	W. & C.	\$24 00	\$24 00	\$48 00	Insane.
"	Cath'e Fitzmorris.....	Widow.	16 00	28 00	44 00	
"	Mrs. R. C. Hovey.....	W. & 2 Ch.	8 00	12 00	20 00	
"	Margaret Jones.....	W. & 2 Ch.	54 00	31 00	85 00	
"	David Keefe.....	Orphan.	13 63	18 52	32 15	
"	Almira King.....	Widow.	13 63	16 89	30 52	
"	A. M. Littlefield.....	Widow.	28 00	24 00	52 00	
"	A. Lovett.....	Single.	65 00	40 00	105 00	
"	Mrs. J. Strong.....	Widow.	14 51	16 52	31 13	
"	Mary Tuck.....	Widow.	9 73	15 19	24 92	
"	Ellen F. Woodward ..	Widow.	93 46	77 51	170 97	
"	Thomas J. Brennan...	W. & C.	10 00	10 00	20 00	
"	Arthur O'Neil.....	Single.	4 85	7 50	12 35	
"	Susan Prior.....	Single.	7 46	15 09	22 55	
"	Ann C. Dennett	Single.	3 56	9 06	12 62	
"	Ellen Shea.....	Single.	1 00	15 40	16 40	
"	Jno. J. Murphy.....	W. H. & C.	3 63	3 63	7 26	
"	Daniel Jordan.....	Single.	7 00	.....	7 00
"	Clarissa Moore.....	Single.	24 00	25 73	49 73	
"	G. B. Eldridge	H. W. & 2 C.	.....	2 00	2 00
"	Michael Clarke	Single.	2 00	.....	2 00
"	Sam'l Fairweather....	H. W. & Ch.	.....	100 00	100 00
"	Wm. E. Bent.....	Single.	1 00	.....	1 00
"	Phil. A. Cunningham..	Single.	17 00	.....	17 00
Cambridge ..	Mrs. R. C. Center.....	W. & 2 Ch.	13 15	8 15	21 30	
" ..	E. McGuire	W. & 2 Ch.	2 12	.....	2 12
" ..	T. Quinn	W. & 4 Ch.	2 30	.....	2 30
" ..	Mrs. Tim. Sullivan....	Widow.	4 05	.....	4 05
" ..	Garvin children.....	2 Children.	8 58	.....	8 58
" ..	Sullivan children.....	2 Children.	3 86	.....	3 86
" ..	Margaret Murphy.....	W. & 2 Ch.	20 16	69 70	89 86	
" ..	Daniel Shea	H. & W.	10 60	.....	10 60
" ..	Dennis Keefe.....	Single.	2 05	.....	2 05
" ..	Wm. H. Haggerty....	5 00	Burial.
Holliston....	Mrs. D. Coffin	W. & 2 Ch.	156 00	2 Old Ladies.
Nantucket ..	Susan Prior.....	H. W. & C.	.....	.....	15 77
Watertown..	John Shehan .....	.....	.....	.....	19 50
Melrose	Martha and Mary Paine	2 Ladies.	.....	.....	78 00
Lawrence ...	S. S. Morey.....	H. W. & C.	.....	.....	91 00
Taunton ...	C. S. Martin's children.	2 Children.	.....	.....	95 32
Barnstable ..	Esther Grayson.....	W. & C.	.....	.....	27 43
Marlboro' ...	A. Monaghan.....	H. & W.	200 00	67 00	267 00	
Canton.....	Patrick McMinnaman.	H. W. & 2 C.	.....	.....	104 00
Peabody	Timothy Lyon.....	H. W. & Ch.	.....	.....	50 00
Chelsea	Ann Taylor.....	Single.	.....	.....	11 58
Total	45	\$1,978 92	

Table No. 5.

LIST OF PERSONS HAVING A LEGAL SETTLEMENT IN SOMERVILLE, WHO ARE SUPPORTED IN THE DIFFERENT INSANE INSTITUTIONS OF THE STATE, WITH THE COST OF SAID SUPPORT TO THE CITY OF SOMERVILLE, DURING THE YEAR 1882.

Name.	Name of Place.	Board.	Clothing.	Total.	Remarks.
Mary Leahey	Northampton	\$558 80	\$12 12	\$570 92	
Patrick Donnelly.....	Worcester	169 46	2 50	171 96	
Hannah Mayo.....	"	169 46	38 83	208 29	
Artinatus D. Moore..	"	169 46	23 35	192 81	
H. A. Locke	"	169 46	3 .6	172 72	
John McIntosh.....	"	169 46	30 90	200 36	
Simon Hallett.....	"	169 46	20 95	190 41	
Bridget Bradburn....	"	169 46	18 80	188 26	
Charles F. Williams..	"	169 46	1 32	170 78	
Mary A. Foster	Taunton	169 46	10 90	180 36	
John Knowles	Danvers	169 46	20	169 66	
Ellen Cronin.....	"	169 46	12 10	181 56	
Robert C. Havey.....	"	169 46	21 70	191 16	
Susan McLaughlin...	"	169 46	85	171 31	
Mary McGillicuddy...	"	169 46	6 50	175 96	
Ellen Crimmins	"	169 46	.....	169 46	
Bridget Lyons	"	169 46	9 40	178 86	
Ellen Garvin.....	"	169 46	24 40	193 86	
Elizabeth M. Conlon..	"	63 15	22 52	85 68	
Lydia C. Webster....	"	138 82	1 00	139 82	
Catherine McGurk...	"	73 14	10 00	83 14	
Edwin R. Prescott....	"	51 07	.....	51 07	
Maria L. Whittemore..	"	34 82	19	35 01	
Total .....	.....	.....	.....	\$4,073 42	

PERSONS HAVING A LEGAL PAUPER SETTLEMENT IN SOMERVILLE, CONFINED IN THE MIDDLESEX COUNTY HOUSE OF CORRECTION, FOR WHICH THE CITY PAYS IN PART.

Names.	Name of Place.	Board.	Clothing.	Total.	Remarks.
Thos. McCormick....	Cambridge	\$26 98	.....	\$26 98	
Gilbert Tufts	"	13 95	.....	13 95	
Maurice Neville.....	"	13 95	.....	13 95	
John Barry	"	20 80	.....	20 80	
Charles Canney	"	24 00	.....	24 00	
Mary McCue.....	"	12 35	.....	12 35	
John Scanlan	"	13 26	.....	13 26	
Thomas Ramsey.....	Essex County, Lawrence.	21 70	.....	21 70	
Cr. less for labor...	.....	.....	.....	\$146 99 46 98	
Total.....	.....	.....	.....	\$100 01	

PERSONS SENTENCED TO THE TRUANT SCHOOL AT LOWELL AND
SUPPORTED, HAVING A SETTLEMENT IN SOMERVILLE.

Names.	Name of Place.	Board.	Clothing.	Total.	Remarks.
Daniel Corley.....	Lowell.....	\$127 99	\$8 00	\$135 99	
Edward Reardon....	"	76 17	.....	76 17	
Frank Strong	"	127 99	8 00	135 99	
Andrew Collins.....	"	127 99	8 00	135 99	
Harry Dannells.....	"	31 52	8 00	39 52	
Total.....	.....	.....	.....	\$523 66	

PERSONS IN THE ALMSHOUSE OF THE CITY OF BOSTON, HAVING A
LEGAL SETTLEMENT IN SOMERVILLE.

Names.	Name of Place.	Board.	Clothing.	Total.	Remarks.
Samuel F. Rodgers...	Boston.....	\$117 69	.....	\$117 69	
George F. Wood.....	"	90 86	.....	90 86	
Mary Hutchinson	"	19 29	.....	19 29	
Total.....	.....	.....	.....	\$227 84	

PERSONS IN THE STATE WORKHOUSE AND OTHER INSTITUTIONS, HAVING
A LEGAL SETTLEMENT IN THE CITY OF SOMERVILLE.

Names.	Place.	Board.	Remarks.
Mary Burns.....	State Workhouse in Bridgewater.....	\$61 25	
John Scanlon	" " "	68 25	
Honora Sullivan.....	" " "	22 00	
Total .....	.....	\$151 50	
Patrick Mahoney.....	State Almshouse in Tewksbury	16 28	
Total .....	.....	\$16 28	
Timothy Donovan.....	State Reform School in Westboro'.....	26 00	
J. W. Clarkson	" " "	23 00	
Total .....	.....	\$49 00	

RECAPITULATION.

Insane Asylums	\$4,073 42	
Houses of Correction	100 01	
Truants at Lowell	523 66	
Almshouse, Boston	227 84	
State Workhouse	151 50	
Tewksbury State Almshouse	16 28	
State Reform School	49 00	
		\$5,141 71
Amount received from Shannon, covered into treasury		130 46
Total		\$5,272 17

Table No. 6.

BOARD PAID FOR PAUPERS IN PRIVATE FAMILIES.

No.	Names.	Amount.	No.	Names.	Amount.
2	Garvin children.....	\$275 64	1	John J. Rodgers.....	\$41 14
2	Sullivan children.....	200 57	1	Edward Dempsey.....	27 40
1	Miss A. J. Wilson	108 88	2	Mary and Maggie Murphy..	50 43
1	James Murphy.....	139 84	2	Clothing for same.....	14 80
1	Littlefield.....	176 00	2	Mrs. Jessie Abott and	
1	Mary McLaughlin.....	60 00		daughter.....	71 14
2	Nellie Kelley's children....	62 13		Total	\$1,295 54
1	Sylvester Sullivan.....	67 57			

Table No. 7.

RENT PAID FOR CITY POOR DURING YEAR 1892.

Names.	Amount.	Names.	Amount.
Mrs. Daniel Liston.....	\$32 00	Mrs. Ellen Sullivan	\$48 00
Mrs. Ann Nolan	37 00	Mr. Patrick Gallagher	40 00
Mrs. Mary E. Nowlan.....	60 00	Mr. Thomas McDermott.....	31 00
*Mrs. Patrick Barry	24 00	Mrs. Ellen Downey.....	65 00
Mrs. Susan Donnelly.....	40 00	Mrs. E. H. Elliott.....	27 00
Mrs. Goodwin	66 00	Mrs. Charles McMakin.....	21 00
Mrs. M. Grady	54 00	Mrs. Hannah Durgin.....	51 00
Mrs. Ellen Grady.....	48 00	Mrs. Charles Steward.....	16 00
Mrs. Patrick Flaherty.....	48 00	Mrs. Thomas Moran	60 00
Mrs. M. Fogarty.....	24 00	Mrs. Jane Purcell.....	23 83
Mrs. T. Quinn	50 93		
†Mrs. Patrick Galvin.....	10 00	Total	\$939 27
Mr. Tom Mahoney.....	62 51		

* Bridgewater.

† State.

Table No. 9.

SHOWING AMOUNT OF ORDERS GIVEN FROM THE OFFICE OF THE OVERSEERS OF THE POOR OF SOMERVILLE TO PERSONS HAVING A SETTLEMENT IN THE CITY OF SOMERVILLE, IN OTHER TOWNS AND CITIES, AND THOSE BELONGING TO THE STATE, NOT OTHERWISE SETTLED DURING THE YEAR 1882.

1882.	TO THE CITY POOR.						TO POOR OF OTHER TOWNS AND CITIES.						TO STATE POOR IN CITY.						TOTAL ORDERS AND EXPENDITURES, 1882.					
	Orders	For Groceries	For Fuel.	Orders	For Dry Goods and Cloth'g.		Orders	For Groceries.	For Fuel.	Orders	For Dry Goods and Cloth'g.		Orders	For Groceries.	For Fuel.	Orders	For Groceries	For Fuel.	For Cloth'g, etc.	Grand Total.				
Jan. 10	57	\$129 50	\$92 55	52	\$15 00	12	\$23 50	\$24 30	11	\$1 25	4	\$6 85	\$8 80	4	.....	\$159 85	\$125 65	\$16 25	\$301 75				
" 24	59	110 25	107 40	47	17 20	12	20 25	15 40	6	2 00	12	0 25	22 00	10	\$1 25	150 75	144 80	20 45	316 00					
Feb. 7	65	123 45	71 00	33	19 75	18	36 50	17 60	8	5 75	21	36 70	38 80	14	12 35	196 65	127 40	37 85	361 90					
" 21	71	132 75	94 60	18	28 90	16	25 50	28 25	13	4 25	13	34 80	22 20	9	11 10	193 05	145 05	44 25	382 35					
Mar. 7	68	133 50	75 70	17	33 25	23	43 79	22 60	11	5 75	16	31 40	30 40	12	10 25	208 69	128 70	49 25	386 64					
" 21	64	114 17	69 65	10	13 00	21	30 13	22 00	11	2 10	7	14 20	13 45	7	1 25	158 50	105 10	16 35	279 95					
April 4	63	111 55	50 10	8	10 75	17	27 50	15 40	7	.....	1	2 00	2 20	1	2 60	141 05	67 70	12 95	221 70				
" 18	44	83 25	31 30	10	14 00	8	14 50	8 80	4	1 50	6	13 75	8 80	4	.....	111 50	48 90	15 50	175 90				
May 2	54	102 60	19 90	13	12 50	12	19 75	.....	2	2 75	2	3 25	.....	..	.....	125 60	19 90	15 25	160 75	
" 16	55	103 25	8 80	8	12 90	11	18 80	4 83	2	.....	2	8 00	.....	..	.....	130 05	13 63	12 90	156 58	
" 31	51	81 00	31 40	14	50	8	12 75	.....	..	.....	3	2 00	.....	..	.....	95 75	31 40	50	127 65
June 13	59	94 35	5 00	8	22 00	5	9 05	3 80	2	3 15	..	.....	.....	..	.....	103 40	13 80	25 15	142 35
" 27	47	77 75	3 50	3	4 50	5	8 58	3 60	3	2 00	..	.....	.....	..	.....	86 33	7 10	6 50	99 93
July 11	47	77 00	70	1	1 25	5	10 00	2 20	1	1 25	..	.....	.....	..	.....	87 00	2 90	2 50	92 40
" 25	50	89 75	2 10	1	1 25	4	6 25	.....	..	.....	..	.....	.....	..	.....	96 00	2 10	1 25	99 35
Aug. 8	46	78 50	3 20	2	3 50	8	14 25	4 60	4	2 50	..	.....	.....	..	.....	92 75	7 80	6 00	106 55
" 26	41	64 25	4 90	4	4 60	6	9 75	70	1	3 00	1	1 50	.....	..	.....	75 50	5 60	7 60	88 70		
Sept. 5	49	79 50	6 30	3	5 00	6	9 50	2 10	3	3 00	..	.....	.....	..	.....	89 00	8 40	6 50	103 90
" 19	44	71 85	27 70	3	12 50	7	11 25	2 10	1	1 50	..	.....	.....	..	.....	83 10	29 90	19 00	132 00
Oct. 3	47	74 55	25 15	5	8 55	7	10 75	3 15	2	6 50	..	.....	.....	..	.....	86 55	28 30	9 80	124 65
" 17	45	74 25	75 25	30	1 50	11	16 05	5 55	3	1 25	1	1 25	.....	..	.....	90 30	80 80	6 00	177 10		
" 31	47	79 00	15 75	13	18 00	6	10 75	5 90	3	3 75	..	.....	.....	..	.....	81	21 65	21 75	133 15
Nov. 14	45	80 50	22 97	3	5 25	11	18 05	8 50	5	.....	..	.....	.....	..	.....	98 55	31 47	5 23	135 27
" 28	51	81 75	7 60	11	7 60	8	17 50	19 20	3	7 75	3	4 25	7 20	..	.....	103 50	121 15	15 35	240 00			
Dec. 12	57	95 25	49 90	13	16 75	14	29 00	12 80	6	8 75	3	9 00	2 00	..	.....	133 25	64 70	25 50	223 45			
" 26	50	83 20	85 95	41	10 75	9	15 20	7 35	3	7 00	..	.....	4 90	2	.....	98 40	98 20	17 75	214 35		
Total,	1,376	\$2,426 72	\$1,075 52	533	\$300 95	273	\$468 90	\$240 83	177	\$78 25	90	\$189 20	\$165 75	68	\$38 20	\$3,084 82	\$1,482 10	\$417 40	\$4,984 32					

* Total number of meetings, 26.

Table No. 11.

CITY OF SOMERVILLE IN ACCOUNT WITH ANSEL LEWIS, CITY STORE-KEEPER.

RECEIPTS.

Stock on hand, Jan. 1, 1882,	\$262 21
Amount of goods purchased 1882,	2,612 35
	<hr/>
	\$2,874 56

CONTRA.

Goods delivered on Overseers' orders, 1882,	\$2,948 46
Goods delivered to police for tramps, 1882,	139 93
Stock on hand, Dec. 31, 1882,	228 40
Net gain on merchandise,	\$442 23

\$3,316 79

\$3,316 79

Net gain of store,	\$442 23
Salary of storekeeper,	\$300 00
Water tax,	6 00
Insurance,	7 50
	<hr/>
	313 50

Net gain over all,

\$128 73

ANSEL LEWIS,

Storekeeper.

JAN. 12, 1883.

REPORT

OF THE

BOARD OF HEALTH.

CITY OF SOMERVILLE.

IN BOARD OF ALDERMEN, March 1, 1883.

Referred to the Committee on Printing, to be printed with the Annual Reports for the year 1882, and sent down for concurrence.

GEO. I. VINCENT, *Clerk pro tem.*

IN COMMON COUNCIL, March 1, 1883.

Concurred in.

DOUGLAS FRAZAR, *Clerk.*

CITY OF SOMERVILLE.

OFFICE OF THE BOARD OF HEALTH,
CITY HALL, SOMERVILLE, MASS., March 31, 1883.

To the Honorable the Mayor and City Council of the City of Somerville:—

GENTLEMEN, — In pursuance of law and custom we submit the fifth annual report of this board for the year ending Dec. 31, 1882.

The delay in its presentation has been caused by the illness of Dr. Durell, who has now sufficiently recovered to attend to it.

MEMBERSHIP.

Jan. 1, the board consisted of George A. Kimball, City Engineer, chairman; John F. Couch, M. D., City Physician; and George C. Skilton. Feb. 7, George C. Skilton was reappointed for a term of two years. Feb. 14, John F. Couch resigned the office of City Physician, and by so doing ceased to be a member of this board; and on the same day Thomas M. Durell, M. D., was appointed City Physician, and, *ex officio*, a member of the Board of Health, for a term of three years.

ORGANIZATION.

Feb. 15, the board organized by electing

GEORGE A. KIMBALL	.	.	.	<i>Chairman.</i>
GEORGE I. VINCENT	.	.	.	<i>Clerk.</i>
WM. H. BRINE (40 Houghton Street),				<i>Inspector.</i>

NUISANCES.

Nuisances were abated, as appears by the following table, the months named being those in which the complaints were made:—

NUISANCES ABATED IN THE YEAR 1882.

	*January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Cellar, damp.....	1	....	4	2	2	3	1	2	2	3	....	3	23
Cesspool defective.....	....	1	....	....	1	1	....	....	....	....	1	1	5
" offensive.....	....	....	....	....	1	....	....	....	....	....	....	....	1
" overflowing.....	....	....	....	....	....	....	....	1	....	2	....	....	3
Connections of drainage pipes defective.....	14	1	4	2	4	6	1	2	5	4	5	4	52
Cows kept in L of house.....	1	....	....	....	....	....	....	....	....	....	....	....	1
Drainage defective.....	11	....	2	15	12	7	7	1	3	2	5	2	67
" emptying into cellar..	2	2	3	1	3	....	....	....	2	3	1	3	20
" emptying on surface..	6	4	3	9	9	4	3	4	2	3	8	1	56
Drain-pipe broken and leaking.....	....	1	....	....	....	....	....	....	....	....	....	....	1
" clogged.....	1	....	....	1	....	....	....	....	1	....	1	....	4
" defective.....	3	2	12	3	6	2	1	3	2	3	11	3	51
Hens kept in cellar.....	....	....	2	....	1	....	....	....	....	....	1	....	4
Manure exposed and offensive..	6	1	1	3	1	4	6	3	3	1	1	....	30
Offal in cellar.....	1	....	....	....	....	....	....	....	....	....	....	....	1
" on land.....	....	1	5	....	1	....	....	....	1	2	1	....	11
Offensive odor in and about dwellings.....	....	....	3	1	16	....	....	....	1	1	....	2	24
Opening in drain-pipe in cellar.....	....	1	1	....	....	....	....	....	....	....	....	....	2
Premises filthy.....	2	....	....	1	1	5	1	1	1	1	....	....	13
Privy filthy.....	1	....	....	....	....	....	....	....	....	1	....	....	2
Privy-vault full.....	11	1	16	23	10	24	7	12	7	11	5	2	129
" leaking.....	....	....	....	....	1	....	....	....	....	1	1	....	3
" not properly constructed.....	1	1	....	2	1	2	3	....	....	....	2	....	12
" offensive.....	4	2	....	11	17	9	13	16	10	9	7	2	100
Sewer-outlet offensive.....	....	....	....	....	1	....	....	....	....	....	....	....	1
Slaughter-house offensive.....	....	....	....	....	....	....	....	1	....	....	....	....	1
Slops thrown on surface.....	6	1	3	1	1	2	2	....	1	3	1	....	21
Soil-pipe clogged.....	....	....	1	....	....	....	....	....	....	....	....	....	1
Soil-pipe not ventilated.....	1	....	3	....	....	1	....	....	....	....	....	....	5
Stable and stable premises filthy and offensive.....	4	....	....	1	....	3	1	1	....	3	....	1	14
Stagnant water in house cellar.....	5	4	1	2	2	4	....	....	1	....	2	....	21
" " in stable cellar.....	1	....	....	....	1	1	....	....	....	....	....	....	3
" " on surface.....	5	....	....	1	5	6	....	1	....	4	3	....	25
Waste-pipe clogged.....	....	....	....	....	....	....	....	....	....	....	....	1	1
" defective.....	....	....	....	1	1	....	....	....	....	....	....	....	2
" leaking.....	....	....	1	1	....	1	....	....	....	1	....	....	4
" not trapped.....	42	10	26	17	13	12	5	10	11	6	16	7	175
Water-closet defective.....	7	....	1	1	....	....	1	....	....	....	1	....	11
" insufficiently supplied with water.....	1	....	4	....	....	1	....	....	....	2	....	....	8
" not supplied with water.....	1	....	1	....	1	....	....	....	....	....	2	1	6
" offensive.....	7	....	4	....	1	1	2	....	1	1	1	....	18
Water-pipe leaking.....	1	....	....	....	....	....	....	....	....	....	....	....	1
Wooden waste-pipes and drains.....	2	....	1	3	....	2	....	1	1	1	1	....	12
	148	33	102	102	113	101	54	59	55	68	77	33	945

* Including nuisances referred to us by the board of 1881.

Number of nuisances abated, 945 ; number referred to the Board of Health for the year 1883, 100. Total, 1,045.

Number of complaints, 560, of which number 7 appeared to have been made without sufficient cause.

Number of houses ordered vacated, 48 ; number of these since put in habitable condition, 43 ; number vacated in compliance with our orders, 4 ; number vacated by order of the chief of police, under our directions, 2.

Number of notices issued by mail, 708 ; number served by constables, 83.

Number of letters sent, 76.

PRIVIES AND WATER-CLOSETS. — We have continued to recommend the removal of privies wherever practicable. In a thickly settled neighborhood it is nearly if not quite impossible to continue the use of an old privy, even if it is kept in good repair, without causing a nuisance. Of course a poorly constructed water-closet inside of a house is more dangerous to health than an offensive privy outside ; but if a water-closet is placed in a very light room, and is thoroughly constructed and well ventilated, there is no reason why, with proper care, it should be in the least offensive. One thing, however, in this connection is of the first importance, although it would seem that people generally fail to realize it, and that is, that in work of this kind none but the most skilful and intelligent mechanics should be employed.

LICENSES AND PERMITS.

From Jan. 1 to Feb. 24, applications for licenses to keep swine and goats and to collect grease were filed with the city clerk, and referred to this board, and were granted or refused by him in accordance with our recommendations.

Feb. 24, regulations were adopted by this board and published in our last annual report, providing that no person should collect grease or keep swine or goats in this city without first obtaining a permit from the Board of Health ; the permit fees being fixed at two dollars for collecting grease, and one dollar for each swine or goat kept.

SWINE. — We received from the city clerk applications for licenses to keep 7 swine, and recommended that licenses be granted for 4 and refused for 3. We also received from citizens applications for permits to keep 237 swine, and granted permits for 230 and refused them for 7.

GOATS. — Permits were applied for and granted to keep 21 goats.

GREASE. — 11 applications were received for permits to collect grease, and they were all granted. 2 of the parties lived in Boston, 2 in Cambridge, and 1 in Medford, and they had all been recommended by the respective Boards of Health in these places. The other 6 parties lived in Somerville.

We recommended 8 parties living in Somerville as proper persons to receive licenses to collect grease in Cambridge.

The Boston Board of Health licensed during the year 38 citizens of Somerville to collect grease in that city, and the Cambridge Board of Health licensed 11 Somerville parties to collect grease in Cambridge.

ASHES.

Ashes were collected by the Highway Department, under our supervision, once every month. The superintendent of streets reports that 6,107 loads were collected, and the cost was \$1,429.56. Dec. 30 the following notice was published and distributed throughout the city : —

BOARD OF HEALTH,
CITY OF SOMERVILLE, Dec. 30, 1882.

CHANGE OF DAYS FOR COLLECTING ASHES.

From and after this date ashes will be collected by city teams once every week, on the following-named days : In Ward One, Wednesdays ; in Ward Two, Thursdays ; in Ward Three, Fridays ; in Ward Four, Saturdays.

Housekeepers and other occupants of buildings are requested to place their house and cellar dirt, sweepings, and ashes in suitable vessels, near the outer edge of the sidewalk opposite their premises, in the forenoons of the days when the collections are to be made in their respective wards.

Ashes, etc., for removal must not be placed loosely on the side-

walk, but must invariably be put in barrels or other suitable vessels, and must not contain any filth or offal.

Ashes or rubbish must not be put in any street or way of the city at any time other than as above stated.

Ashes not in barrels or other vessels will not be removed by the city.

Per order of the Board of Health.

GEORGE I. VINCENT, *Clerk.*

HOUSE OFFAL.

House offal was collected by Mr. Christopher Burke under a contract for three years, which will expire on the twenty-sixth day of June next. It provides for three collections per week in the months of May, June, July, August, and September; two per week in the months of April, October, and November; and one each week in the months of December, January, February, and March. The collector reports that about 162 cords were collected during the year.

NIGHT SOIL.

Messrs. Russell & Fitch removed the night soil during the year; their contract, which expired April 24, having been extended for one year. Their prices are fixed by the contract, and are \$3.50 per load or part of a load removed, in the months of April, May, June, July, August, September, October, and November, and \$2.50 per load or part of a load in the months of December, January, February, and March; a load consisting of eighty cubic feet. They report that 497 loads were removed during the year.

Order-books are kept at the police station on Bow Street, and at the grocery store at the corner of Perkins and Franklin Streets.

SEWERS.

During the past year sewers have been laid in Alston Street, Ashland Street, Bond Street, Jaques Street, and Nevada Street, thereby giving to the residents thereon an opportunity to drain their premises and place them in proper sanitary condition.

We again call your attention to the need of sewers on the westerly

slope of Winter Hill and in that locality known as the "Patch," and also in the following-named streets, to furnish drainage to houses. Adrian Street, Brastow Avenue, Chester Street in Ward Three, Fairlee Street, Temple Street, Tower Court, Winthrop Street, and Wyatt Street.

SEWER OUTLETS.

WAVERLY STREET OUTLET. — The sum of \$134.63 was expended by this board to improve the creek into which this sewer is discharged. This will give temporary relief only, and, as there is now a serious nuisance at this point, it is important that steps should be taken at once to extend the sewer to deep water.

CANAL STREET OUTLET. — Complaint was made of a serious nuisance at this outlet, and the board caused a ditch to be excavated to receive the sewage and convey the same to tide water. This outlet is near several dwellings in which there has been a large amount of sickness, and the residents are making frequent complaints of the offensive odors. The outlet should be improved during the next season.

MYSTIC AVENUE OUTLET, NEAR AUSTIN STREET. — The discharge of sewage at this point was the cause of a serious nuisance during the month of August. The dwellings recently constructed near this outlet will make it necessary to extend this sewer at an early day.

WINTHROP AVENUE OUTLET. — The sewage of nearly the whole of East Somerville and the easterly slope of Winter Hill is discharged into an open ditch on the north side of Mystic Avenue, through which it flows about one half mile to Mystic River. The discharge of this large amount of filth into an open ditch will soon be the cause of a nuisance to the residents in the neighborhood.

DEATHS.

We approved during the year 472 certificates of death and 31 certificates of still-births.

The following is a table of mortality in Somerville in 1882.

MORTALITY IN SOMERVILLE IN 1882.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Zymotic Diseases.													
Scarlet Fever		1						1				2	4
Diphtheria.....	11	5	7	8	5	2	1		1	1	7	4	52
Croup		1									1		2
Typhoid Fever.....	1		1	1		1			3	1			8
Erysipelas		1	1										2
Dysentery								2	1				3
Diarrhœa								1					1
Cholera Infantum.....			1			1	16	8	3	2			31
Cholera Morbus.....								1					1
Cerebro-Spinal Meningitis.....											1		1
Septicæmia				1		1							2
Rheumatism				1		1							2
Whooping Cough.....	1										1		2
Pyæmia.....		1											1
DIETETIC.													
Intemperance.....		1		1		1							3
DIATHETIC.													
Cancer		2					1	1		1		1	6
Cancer of Breast.....							1						1
Cancer of Liver.....	1			1					1				3
Mortification.....	1											1	2
TUBERCULAR.													
Phthisis Pulmonalis.....	10	10	7	8	8	3	8	8	6	3	8	11	90
Tubercular Meningitis				1		1						1	3
Marasmus	3				1	1	1	2	4	3	2	3	20
Scrofula							2					1	3
NERVOUS SYSTEM.													
Apoplexy.....	1		2	1					1	1	2		8
Paralysis	2				1	1					1		5
Insanity	2	1			2		1	2					8
Brain Disease.....		1	1	1	1				1			2	7
Cerebral Meningitis.....			2		1	3							6
Meningitis	1	2			1	1	1	1	2		2		11
Convulsions.....	1	1			1		3	1	1			3	11
Epilepsy						1						1	2
CIRCULATION.													
Heart Disease.....	4	1	4	3	2	2	1	2	2	1		1	23
Pericarditis						1				1			2
Phlebitis.....							1						1
RESPIRATORY ORGANS.													
Pneumonia	4	6	4	5	5	1	2	2			1	4	34
Bronchitis		1	3	1	3					1	1	2	12

MORTALITY IN SOMERVILLE IN 1882. — *Continued.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total
Hemorrhage				1									1
Lung Diseases	3	1		1		1							6
DIGESTIVE ORGANS.													
Gastritis		1			2		1			1	1	2	8
Enteritis	1							1		1			3
Peritonitis			1	1				1			2		5
Liver Disease		1						1	2				4
Inanition								1	2				3
URINARY ORGANS.													
Nephritis							1						1
Bright's Disease		4	1	2	2	1		3				1	14
Diabetes		1									1		2
Disease of Kidney					1						1		2
Cystitis	1		1		1		1						4
Developmental Diseases.													
OF CHILDREN.													
Premature Birth and Debility				1	1	3		4		2	1	2	14
Hydrocephalus		1											1
OF OLD PEOPLE.													
Old Age			1	1	1			1	1		3	1	9
Diseases of Nutrition.													
General Debility	1				1		1			1		2	6
Violent Deaths.													
Sunstroke							1						1
Railroad				1		1				1		2	5
Drowning		1											1
Tetanus							1						1
Crushed Neck								1					1
Kick by Horse								1					1
Mastoid Abscess							1						1
SUICIDE		1											1
UNKNOWN										1	1	2	4
Total	49	46	37	41	40	28	46	46	31	22	37	49	472
Still-born	3	3	3	4	2	0	5	5	3	0	2	1	31

Population27,561

Death rate per thousand..... 17.1

DISEASES DANGEROUS TO PUBLIC HEALTH.

SCARLET FEVER. — There were 39 cases of this disease reported to our board during the past year, 4 of which proved fatal. Although this is a slight increase over last year, when there were 25 cases with 1 death, still we feel that by carefully guarding

against the spread of the disease we may prevent any such extensive ravages as have heretofore been made by it in our midst.

The two points to be constantly kept in mind are its contagiousness and the facility with which it is spread by means of clothing. The patient should be isolated as completely as possible, and, above all things, all other children in the house should be kept from school.

Our board has thought it best for the safety of the public to place on every house where the disease exists a card with the words, "Scarlet fever here." This, in our judgment, will do much towards arresting the progress of the malady.

DIPHTHERIA. — Notwithstanding our most strenuous efforts to check this disease the number of cases increases each year. In 1880 there were 108 cases and 19 deaths; in 1881 there were 155 cases and 45 deaths; in 1882 there were 172 cases and 52 deaths.

From this, perhaps, it might be inferred that our city was not in as good sanitary condition as in 1880; this, however, is not the case. The true explanation we believe to lie in this, — that the extreme contagiousness of the disease has been too generally overlooked; children have been allowed to attend school from houses where the disease was; parents have exposed their families by heedlessly going from the bedside of some dying child to their own homes, and funerals have been publicly attended. All of these things should be strictly guarded against, and fully as much care taken as in cases of small-pox and scarlet fever.

The board has also adopted the same regulation in regard to placing cards upon the houses as in cases of scarlet fever.

TYPHOID FEVER. — Of this disease we have had reported 38 cases, 8 of which proved fatal. The cases occurred without regularity and with no particular characteristics. In a large majority of them the houses were damp or had some radical defect in the drainage.

Some districts of our city are so situated as to be most favorable for the spread of this disease, being low and damp, with large tracts of unoccupied land upon which stagnant water stands a large part of the year. Our board has endeavored to remedy some of

these defects, but we have found great difficulty in dealing with this unoccupied land.

Although not contagious, like diphtheria and scarlet fever, it is highly infectious, the source of infection being the stools of the patient. In order to prevent this we recommend the use of a solution of sulphate of iron, one pound of iron to one gallon of water ; this solution to be poured over the dejections and the whole thrown into the water-closet ; in this way the chief source of infection may be overcome.

The first of the two following tables shows the number of cases of scarlet fever, diphtheria, and typhoid fever reported during the year and the number of deaths from these diseases, with the percentage of deaths ; the second shows the deaths in Somerville from scarlet fever, diphtheria, and typhoid fever in each of the last six years. These tables are followed by a tabulated report from the inspector, of the sanitary condition of premises where diphtheria has been reported, by which it will be seen that 50 of the 172 cases reported have resulted fatally, the other two deaths from diphtheria which occurred during the year being the results of cases which were reported in 1881.

No. of Family.	Nationality.	Occupation of Head of Family.	No. of Patient.	Sex of Patient.	Age of Patient.	Date of Sickness.	Result.	District.	Soil.	Locality.	House Drainage.	Condition of Cellar.	Privy.	Remarks.
1	Irish	Laborer	1	Female ..	6	January ..	Fatal ..	5	Clayey Gravel..	Fair	Drainage on surface; waste pipe not trapped	Damp	8 feet from house.	
2	German	"	2	Male	5	"	"	1	Clay	"	"	No cellar	12 feet from house; full	Premises filthy.
			3	Female ..	4	"	"							
			4	Male	1½	"	Fatal ..							
3	American	Salesman	5	Female ..	1	"	"	5	"	"	Waste pipe not trapped; water-closet offensive	Damp	Water-closet in cellar	Offal from three families under L of house.
4	Irish	Laborer	6	"	9	"	"	3	"	"	"	Dry	20 feet from house.	
			7	Male	7	"	"							
5	"	Machinist	8	"	2	"	Fatal ..	3	"	Low	Drainage defective; water-closet defective		Water-closet in cellar.	
			9	Female ..	6 mos.	April	"							
6	American	Laborer	10	Male	2	January ..	"	6	Clayey Gravel..	Fair	Water-closet offensive and defective; w. p. not trapped ..	Damp	"	Offensive odor in kitchen from sink.
7	"	"	11	"	7	"	"	5	Clay	"	Waste pipe not trapped	Dry	"	
8	"	Clerk	12	Female ..	5	"	"	7	"	Good	Drainage defective; waste pipe not trapped	No cellar	Water-closet in basement.	
9	Irish	Laborer	13	Male	11	"	"	1	Clayey Gravel..	Low	Opening in drain pipe in cellar	"	12 feet from house	Offensive odor in cellar. [on this table.
10	"	Junk Collector..	14	"	7	"	Fatal ..	1	Clay	Fair	Waste pipe not trapped	No cellar	20 "	Mother of this child had visited family No. 6
11	"	Laborer	15	"	3	"	"	7	"	Low	No drainage facilities	Damp	3 "	
12	"	"	16	Female ..	17	"	"	1	"	Low and damp..	"	No cellar	6 feet from house; vault full	Stagnant water under house.
			17	Male	3½	"	"							
13	"	"	18	Female ..	8	"	"	1	"	"	Drainage defective; waste pipe not trapped	Basement room..	12 feet from house.	[Dec., 1881.
14	"	Carpenter	19	"	22	"	"	5	Sand	Good	Soil pipe not ventilated	Dry	Water-closet in cellar	Fatal case of diphtheria in brother's house in
			20	Male	35	"	"							
15	American	Salesman	21	Female ..	48	"	"	2	Clayey Gravel..	"	Defect in drain pipe in cellar	Damp	Water-closets in bath room and cellar.	[on this table.
16	Irish	Painter	22	Male	1	"	Fatal ..	6	Clay	Fair	No drainage facilities	"	12 feet from house	Received clothing from mother of family No. 6
17	"	Laborer	23	Female ..	13	"	"	1	Clayey Gravel..	"	Waste pipe not trapped	"	14 "	
18	American	Widow	24	"	26	"	"	7	Clay	Good	Defect in drain pipe; waste pipe not trapped ..	"	Water-closet in bath room.	
19	Irish	Laborer	25	Male	7	February ..	"	4	"	Low	Waste pipe not trapped	No cellar	15 feet from house	Premises filthy.
			26	Female ..	2	"	"							
			27	Male	5	"	"							
20	"	Soap Maker	28	Female ..	6	"	Fatal ..	1	Clayey Gravel..	"	No drainage facilities	"	8 "	Stagnant water under house.
			29	"	7	"	"							
21	American	Teamster	30	Male	4	"	"	4	Sand	Fair	Waste pipe not trapped	Damp	10 feet from house; vault full.	
22	Irish	Laborer	31	Female ..	18	"	"	1	Clay	Low	"	"	12 "	Pool of stagnant water 18 feet from house.
23	American	Painter	32	"	30	"	"	2	Clayey Gravel..	Good	Defect in drain pipe; waste pipe not trapped	Dry	Water-closet in bath room.	
			33	Male	27	"	"							
24	"	Carpenter	34	Female ..	31	"	"	9	Sand	"	Drainage into cesspool 8 ft. from house; w. p. not trapped.	"	8 feet from house; offensive.	
			35	Male	3 mos.	"	Fatal ..							
25	German	Butcher	36	"	3	"	"	10	Clayey Gravel..	Fair	Drainage on surface	"	3 feet from house; vault full	Pool of stagnant water near house.
26	American	Widow	37	"	6	"	"	8	"	"	"	"	30 feet from house	"
27	Irish	Laborer	38	Female ..	3	"	"	6	"	Damp	No drainage facilities	No cellar	12 feet from house; offensive.	[given child's clothing to this family.
28	American	Painter	39	"	4½	March	Fatal ..	6	"	Fair	"	Water in cellar..	Insufficient supply of water in water-closet...	Mother of family No. 6 boarded here, and had
29	"	Bookkeeper	40	Male	7	"	"	5	"	Good	Defect in drain pipe, and con. of w. p. and d. p. defective.	Dry	Water-closet in bath room.	
			41	Female ..	5	"	"							
			42	Male	3	"	"							
30	"	"	43	"	40	"	"	2	"	"	Waste pipe not trapped; drain pipe defective	"	Water-closet in cellar.	
31	"	Salesman	44	Female ..	7½	"	"	7	"	"	Drain pipe and soil pipe defective	Damp	Water-closet in cellar defective.	
			45	"	7½	"	"							
32	Irish	Laborer	46	Male	6	"	"	6	"	Fair	Waste pipe not trapped	Dry	25 feet from house.	
33	American	Cabinet Maker..	47	Female ..	2½	"	Fatal ..	3	Sand	"	Drain pipe defective	Damp	Water-closet in bath room offensive.	
34	Irish	Teamster	48	"	22	"	"	6	Clayey Gravel..	"	Drainage into cesspool 25 ft. from house; w. p. not trapped	"	Adjoining house; vault full	Offensive odor from sink in kitchen.
35	American	Dentist	49	Male	7	"	"	7	"	Good	Drain pipe defective	Dry	Water-closet in cellar offensive	Offensive odor caused by defective soil pipe.
36	Irish	Laborer	50	"	6	"	Fatal ..	8	"	Fair	No drainage facilities	Damp	10 feet from house; vault full.	
			51	"	8	"	"							
			52	Female ..	5	"	"							
			53	"	3	"	"							
37	American	Bookkeeper	54	"	6	"	"	7	"	Good	Defect in drain pipe	"	Water-closet in b. r. not supplied with water..	Insufficient supply of water in water-closet in
38	"	Merchant	55	Male	13	"	"	7	"	"	Satisfactory	Dry	Water-closet in bath room	Soil pipe ventilated.
39	"	Stable Keeper..	56	Female ..	7	"	"	7	"	"	Connection of waste pipe with drain pipe defective	"	W.-c. in b. r. insufficiently supplied with water.	
40	Irish	Laborer	57	"	3	"	"	4	Sand	Low and damp..	Waste pipe not trapped	Damp	15 feet from house; vault full	Stagnant water near house.
41	"	"	58	Male	6	"	Fatal ..	6	Clayey Gravel..	Fair	"	Dry	10 "	

No. of Family.	Nationality.	Occupation of Head of Family.	No. of Patient.	Sex of Patient.	Age of Patient.	Date of Sickness.	Result.	District.	Soil.	Locality.	House Drainage.	Condition of Cellar.	Privy.	Remarks.
42	American	Salesman	59	Male	10	March	Fatal	7	Clayey Gravel	Good	Waste pipe not trapped; defect in drain pipe	Damp	Water-closet in cellar.	
43	"	"	60	Female	5	"	"	5	"	"	No sink in tenement; waste water thrown into water-closet.	"	Water-closet defective	8 inches of surface water in cellar eight days
44	"	Music Publisher.	61	"	7	April	"	7	"	"	Defect in drain pipe; waste pipe not trapped	Dry	Water-closets in bath room and cellar.	
45	Irish	Cabinet Maker	62	Male	10 days	"	"	6	Clay	Fair	Waste pipe not trapped	Damp	Water-closet in cellar.	
46	"	Machinist	63	Female	1	"	"	10	Clayey Gravel	"	Connection of s. p. with d. p. defective; w. p. not trapped.	Dry	Water-closet in bath room defective.	
47	"	Laborer	64	Male	12	"	"	6	"	"	Drainage into cesspool 8 feet from house	"	12 feet from house.	
48	American	Moulder	65	Female	25	"	"	5	"	Good	Waste pipe not trapped	"	18 feet from house; vault full.	
49	"	Merchant	66	"	1 1/2	April	"	5	"	"	Defect in drain pipe	"	Water-closet in bath room.	[on this table.
50	"	Mason	67	"	3	"	"	5	"	"	Drainage into cesspool 5 feet from house	Damp	12 feet from house; vault full	Mother of this child had visited family No. 29
51	Irish	Laborer	68	Female	4	"	"	6	Clay	Damp	Drainage into cesspool adjoining house	No cellar	Adjoining house; vault full	Waste pipe not trapped.
52	Canadian	Upholsterer	69	Male	1 1/2	"	"	3	"	Low and damp	No drainage facilities	Water in cellar	12 feet from house	Stagnant water near house.
53	Norwegian	Laborer	70	Female	32	"	"	1	"	Low	Drainage into vault adjoining house; w. p. not trapped	Damp	Adjoining house; vault full.	
54	American	Carpenter	71	Male	7 1/2	"	"	2	Clayey Gravel	Good	Drainage defective	"	Water-closet in cellar.	
55	"	Produce Dealer	72	Female	5	"	"	8	"	Low	Waste pipe not trapped.	"		
56	"	Laborer	73	Male	3	"	"	3	Clay	Good	"	Dry	18 feet from house; vault full.	
57	Irish	"	74	Female	11	"	"	6	Sand	Fair	"	"	8 feet from house and offensive.	
58	"	"	75	"	2	May	"	3	Clay	Low and damp	Drainage defective; waste pipe not trapped	Water in cellar	8 feet from house; vault full	Stagnant water near house.
59	"	"	76	"	5	"	"	8	Clayey Gravel	Fair	"	Dry	5 " " "	
60	"	Mason	77	"	12	"	"	1	Clay	Low	Waste pipe not trapped	No cellar	10 " " "	Cesspool near house; offensive odor from same.
61	"	"	78	Female	8	"	"	2	Clayey Gravel	Good	"	Dry	8 " " "	
62	"	Blacksmith	79	"	6	"	"	6	"	Fair	Drainage into cesspool 10 feet from house	Damp	10 " " "	
63	"	Laborer	80	Male	12	"	"	7	"	Good	Connection of w. p. with d. p. defective; w. p. not trapped.	"	15 " " "	
64	American	Merchant	81	Female	8	"	"	7	"	"	Defect in drain pipe	Dry	Water-closet in bath room.	
65	"	Salesman	82	Male	37	"	"	7	"	Fair	Waste pipe not trapped	"	Water-closet in cellar.	
66	Irish	Laborer	83	Female	38	"	"	6	Clay	Damp	No drainage facilities	Damp	Vault offensive	Stagnant water near house.
67	"	"	84	"	2	"	"	6	"	"	"	"	"	
68	American	Musician	85	Male	5	June	"	2	Clayey Gravel	Good	Defect in drain pipe	"	Water-closet in bath room	Joints of drain pipe defective; sewage flowing
69	"	Bookkeeper	86	"	6	"	"	5	"	"	Drainage into cesspool; cesspool offensive	"	10 feet from house; vault offensive	2 vaults within 6 feet of house.
70	"	Spike Maker	87	Female	40	"	"	1	"	"	Waste pipe not trapped	"	Water-closet in shed	At times offensive odor from sink in kitchen.
71	"	Fireman	88	"	7	"	"	4	Sand	Fair	"	"	15 feet from house.	
72	Irish	Laborer	89	Male	5	"	"	1	Clayey Gravel	Low	"	"	6 " " "	
73	American	Furniture Dealer	90	Female	1 1/2	"	"	5	Sand	Good	Connection of soil pipe with drain pipe defective	Dry	Water-closet in bath room.	
74	"	Widow	91	"	5	"	"	5	"	Fair	Waste pipe not trapped; defect in drain pipe	Damp	Water-closet in cellar.	
75	"	Machinist	92	"	3	"	"	5	"	"	"	"	"	
76	Irish	Laborer	93	Male	8	"	"	1	Clay	Good	Connection of waste pipe with drain pipe defective	Dry	"	
77	"	"	94	Female	1 1/2	"	"	1	"	"	"	"	"	
78	American	Clerk	95	Male	17	"	"	4	Sand	Fair	Waste pipe not trapped	Damp	2 feet from house; vault full	Drains in cellar defective.
79	"	Plumber	96	"	4 1/2	"	"	5	Clayey Gravel	Good	Defect in drain pipe	Dry	15 " " "	
80	"	Painter	97	Female	11	"	"	5	"	"	"	"	Water-closet in bath room.	
81	"	Clerk	98	"	6	"	"	5	Sand	"	20 feet from house; vault full.	Damp	Water-closet in cellar.	
			99	"	7	"	"	5	Clayey Gravel	"	Waste pipe not trapped	"	"	Drains not ventilated.
			100	"	5	"	"	5	"	"	Satisfactory	Dry	"	

No. of Family.	Nationality.	Occupation of Head of Family.	No. of Patient.	Sex of Patient.	Age of Patient.	Date of Sickness.	Result.	District.	Soil.	Locality.	House Drainage.	Condition of Cellar.	Privy.	Remarks.
82	Irish	Hostler	116	Male	8	July		4	Sand	Fair	Waste pipe not trapped; cesspool in cellar offensive	Damp	40 feet from house; vault full.	
83	American	Merchant	117	"	6½	"		5	Clayey Gravel	Good	Satisfactory	Dry	Water-closet in bath room	Drains not ventilated.
84	"	Book-binder	118	"	4	"		5	"	"	Defect in drain pipe	Damp	Water-closet in cellar defective.	
85	"	Carver	119	"	28	"		5	Sand	Fair	Satisfactory	Dry	Water-closet in cellar	Soil pipe not ventilated.
86	"	Type Setter	120	"	7	"	Fatal	5	Clayey Gravel	Good	Waste pipe not trapped	Damp	"	
87	"	Pork Packer	121	Female	30	"		3	Clay	Low and damp	No drainage facilities	"	6 feet from house; vault full	Stagnant water near house.
88	Nova Scotian.	Baker	122	"	29	"		5	Clayey Gravel	Fair	Waste pipe not trapped	"	Water-closet in cellar.	
89	Irish	Laborer	123	Male	7	"		8	Sand	Low	No drainage facilities	No cellar	6 feet from house; vault full	Stagnant water near house.
90	"	"	124	"	10	"		1	Clay	"	Waste pipe not trapped	"	8 " " "	
91	American	Salesman	125	"	39	"		2	Clayey Gravel	Good	Satisfactory	Damp	Water-closet in cellar	Drains not ventilated.
92	"	Agent	126	Female	30	"		3	Sand	Low	Drains defective	Dry	Water-closet in cellar offensive.	
			127	Male	7	"								
			128	Female	5	"								
93	"	Laborer	129	Male	9	"		3	"	"	Waste pipe not trapped; drains defective	"	" " "	
94	"	"	130	Female	30	"		5	"	Good	Defect in drain pipe	"	Water-closet in bath room.	
95	Irish	"	131	"	19	September		7	Clayey Gravel	"	Drainage into cesspool; cesspool offensive	Damp	6 feet from house; vault full	Sewage flowing into cellar.
96	American	Conductor	132	"	28	"		3	Clay	Fair	Waste pipe not trapped	"	10 " " "	
97	Irish	Charcoal Dealer	133	Male	7	"		1	"	Low	"	No cellar	Adjoining house in stable.	
98	American	Restaurant K'per	134	Female	7	"		2	Clayey Gravel	Good	"	Damp	Water-closet in cellar offensive.	
99	"	Moulder	135	"	38	"		6	"	Fair	No drainage facilities	Dry	10 feet from house; vault full	Stagnant water near house.
100	Irish	Sailor	136	"	3	"		1	"	Low	Connection of waste pipe with drain pipe defective		12 feet from house; offensive	Wooden box drain in cellar.
			137	Male	1	"	Fatal							
101	American	Glass Cutter	138	"	11	"		5	"	Good	Waste pipe not trapped; defect in drain pipe	Damp	Water-closet in cellar.	
102	"	Minister	139	Female	7	October		5	"	"	Connection of waste pipe with drain pipe defective	Dry	" bath room	Waste pipe not trapped.
103	"	Dentist	140	Male	11	"	Fatal	2	"	"	Drainage defective	Damp	" "	
104	"	Expressman	141	Female	7	"		2	"	"	Defect in drain pipe	Dry	" cellar.	
105	"	Produce Dealer	142	Male	5	"		5	Sand	"	Satisfactory	"	"	Soil pipe not ventilated.
106	"	Cooper	143	"	2	"		5	Clayey Gravel	"	Drains defective shortly before sickness	Damp	" "	No ventilation.
107	"	Merchant	144	Female	9	"		5	"	"	Satisfactory	"	" bath room	Drains not ventilated.
108	"	Clerk	145	Male	7	November	Fatal	5	"	"	Into cesspool; defect in drain pipe	Dry	"	
109	"	Police Officer	146	"	3½	"		5	Clay	Fair	Drainage on surface; waste pipe not trapped	"	10 feet from house; offensive.	
110	"	Widow	147	Female	38	"		5	Clayey Gravel	Good	Satisfactory	"	Water-closet in cellar	Drains not ventilated.
111	"	"	148	Male	9	"		1	"	Fair	Waste pipe not trapped; drainage on surface	"	Water-closet in cellar not supplied with water.	[conductor from roof.
112	Irish	Gardener	149	Female	7	"		4	Sand	"	Satisfactory	"	Water-closet in cellar	Water-closet supplied with rain water from
113	"	Upholsterer	150	"	12	"	Fatal	6	Clayey Gravel	"	Drains defective; waste pipe not trapped	Damp	4 feet from house.	
114	American	Widow	151	Male	14	"		4	Sand	"	Waste pipe not trapped; drainage on surface	Basement room	20 feet from house; vault full.	
115	Irish	Laborer	152	Female	2½	"	Fatal	1	Clayey Gravel	Low	Waste pipe not trapped	No cellar	Vault offensive.	
116	"	"	153	"	1	December		5	"	Good	Drain pipe defective; waste pipe not trapped	Damp	Water-closet in cellar.	
117	"	"	154	Male	5	"		1	Clay	Low	Drainage defective	No cellar	10 feet from house; offensive.	
118	American	Police Officer	155	Female	2	"		6	Clayey Gravel	Good	No drainage facilities	"		
119	"	Lawyer	156	Male	8	"	Fatal	5	"	"	Defect in drain pipe	Dry	Water-closet in bath room	Insufficient supply of water in water-closet.
120	Irish	Laborer	157	Female	11	"		1	"	Low	Drains defective; waste pipe not trapped	Damp	Water-closet in cellar offensive.	
			158	Male	1½	"								
			159	Female	6	"								
			160	Male	3	"								
			161	"	7	"								
121	"	Teamster	162	"	15	"		7	"	Good	Waste p. not trapped; connection w. p. with d. p. defective	"	30 feet from house	[within 40 feet of house.
122	"	Laborer	163	Female	29	"		4	Sand	Fair	Waste pipe not trapped	Dry	12 feet from house; vault full.	Stable where 20 horses and 4 cows are kept
123	American	Cabinet Maker	164	Male	2	"	Fatal	5	Clayey Gravel	Good	"	Damp	Adjoining house; offensive	Cesspool 12 feet from house.
124	Irish	Laborer	165	Female	1½	"		1	Clay	Low	Drain pipe defective; waste pipe not trapped	"		
125	"	"	166	"	4½	"		6	"	Damp	No drainage facilities	"	12 feet from house; vault full.	
126	"	"	167	Male	14	"		1	Clayey Gravel	Low	Drain pipe not trapped	Dry	10 feet from house.	
127	American	Barber	168	"	6	"		10	"	Fair	Drain pipe and waste pipes not trapped	Damp	Water-closet in bath room	Offensive odor in bath room from water-closet.
128	"	Expressman	169	"	6	"		7	"	Good	Defect in drain pipe in cellar	Dry		Connection of drain pipe with w. p. defective.
129	Irish	Laborer	170	Female	29	"		1	Clay	Low and damp	No drainage facilities	No cellar	8 feet from house; offensive.	
130	"	"	171	"	12	"	Fatal	3	Sand	Fair	Waste pipe not trapped	Basement rooms	Water-closet in basement.	
131	German	Widow	172	Male	2	"		1	Clayey Gravel	Low	"	Damp	15 feet from house.	

SCARLET FEVER, DIPHTHERIA, AND TYPHOID FEVER REPORTED IN 1882.

MONTHS.	SCARLET FEVER.			DIPHTHERIA.			TYPHOID FEVER.		
	Cases reported.	Number of deaths.	Percentage of deaths.	Cases reported.	Number of deaths.	Percentage of deaths.	Cases reported.	Number of deaths.	Percentage of deaths.
January	5	.....	.....	24	11	46	3	1	33
February	1	1	100	14	5	36	2		
March .....	.....	.....	.....	32	7	22	3	1	33
April	1	.....	.....	14	8	57	1	1	100
May	1	.....	.....	15	5	33			
June	1	.....	.....	17	2	12	4	1	25
July	1	.....	.....	14	1	7			
August	2	1	50	.....	.....	.....	8		
September	1	.....	.....	8	1	12½	7	3	43
October	8	.....	.....	6	1	17	5	1	20
November	7	.....	.....	9	7	78	2		
December	11	2	18	19	4	21	3		
Total	39	4	10	172	52	30	38	8	21

DEATHS FROM SCARLET FEVER, DIPHTHERIA, AND TYPHOID FEVER IN 1877, 1878, 1879, 1880, 1881, AND 1882.

MONTHS.	SCARLET FEVER.						DIPHTHERIA.						TYPHOID FEVER.					
	1877.	1878.	1879.	1880.	1881.	1882.	1877.	1878.	1879.	1880.	1881.	1882.	1877.	1878.	1879.	1880.	1881.	1882.
January	4	....	4	2	....	....	....	4	6	7	7	11	2	....	....	....	....	1
February .....	....	....	1	1	....	1	4	4	4	....	4	5	....	....	....	....	1	
March	1	....	1	1	....	....	9	5	....	....	7	7	....	....	....	....	2	1
April .....	....	1	2	....	....	....	7	1	1	1	2	8	....	....	....	....	....	1
May .....	....	....	....	....	1	....	8	....	....	....	3	5	....	....	1	....	....
June .....	....	....	1	....	....	....	6	1	1	....	3	2	....	....	....	1	....	1
July	1	....	2	....	....	....	1	2	....	....	2	1	1	....	....	1	....
August	2	....	....	....	....	1	3	1	4	....	3	....	....	2	....	1	....
September .....	....	....	....	2	....	....	4	1	2	....	2	1	....	1	1	....	1	3
October .....	....	3	....	....	....	....	4	2	5	2	6	1	1	1	....	2	2	1
November	1	4	3	....	....	....	5	1	2	1	2	7	....	....	1	1	1	
December	1	7	2	....	....	2	8	5	4	8	3	4	2	1	....	1	1	
Totals	10	15	16	6	1	4	59	27	29	19	44	52	6	5	3	7	8	8

DISTRICTS.

Our records of deaths, dangerous diseases, and nuisances in the ten health districts of the city, for the year 1882, are presented in the four following tables.

The accompanying map shows the boundaries of the districts, and the locations of sewers built prior to Jan. 1, 1879.

The soil in Districts I., II., III., V., VI., VII., VIII., and X., and a part of IX. is principally clay or clayey gravel, with considerable ledge in Districts VII. and VIII., and in District IV. and the remainder of District IX. it is sandy.

The elevation of Districts I., III., and IV. and that part of District VIII. bordering on Mystic River is low, and the general elevation of the remainder of the city is high, ranging from 90 to 145 feet above mean low tide in parts of Districts II., V., VI., VII., VIII., and X.

The four tables show, —

First. — The area, estimated population, number of dwellings, and average number of people per dwelling in each district in 1882, with the deaths for the last nine years (exclusive of deaths in the McLean Insane Asylum), and the rate per thousand of population.

Second — The five principal causes of death in Somerville in 1882, with the number of deaths from each, and the rate per thousand of population, in each district.

Third. — The number of cases of scarlet fever, diphtheria, and typhoid fever reported, and the number of deaths from each of these diseases in each district in 1882, and the number of cases and of deaths per thousand of population.

Fourth. — The number of nuisances abated in each district in 1882.

1879.

SCALE.

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000

Feet Meters

1879.

SCALE

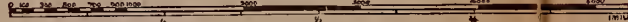


TABLE OF DEATHS IN EACH DISTRICT DURING THE LAST NINE YEARS, EXCLUSIVE OF DEATHS IN THE MCLEAN ASYLUM.

Districts	I.		II.		III.		IV.		V.		VI.		VII.		VIII.		IX.		X.		Entire City.	
	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.
Area.....	337 A.		107 A.		93 A.		171 A.		361 A.		283 A.		194 A.		482 A.		174 A.		456 A.		2,660 A.	
Population...	5,021		4,900		1,899		3,369		5,268		1,164		2,878		857		1,531		674		27,561	
Dwellings....	761		708		298		521		850		265		465		167		285		142		4,462	
Average in each dwelling.	6.6		6.9		6.4		6.5		6.2		4.4		6.2		5.1		5.4		4.7		6.2	
YEAR.	In 1882.																					
	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.	No. of Deaths.	Rate per 1,000.
1874	147	37	53	14	24	16	86	33	67	16	34	37	26	11	17	25	18	15	3	8	475	22
1875.....	149	37	84	22	26	17	56	21	75	18	29	32	32	14	13	19	15	12	7	15	486	22
1876.....	113	30	62	17	17	12	62	24	78	20	23	26	25	12	11	17	25	22	10	20	426	21
1877.....	126	32	57	15	18	12	57	22	61	15	31	34	29	13	12	18	32	27	5	10	428	20
1878.....	92	22	50	12	32	21	53	19	53	12	24	25	32	14	15	21	17	14	7	13	375	17
1879	92	21	50	12	29	18	62	22	77	17	14	14	22	9	14	19	16	12	9	16	385	16
1880.....	104	23	56	13	34	20	55	18	70	15	30	28	32	12	19	24	12	10	11	18	423	17
1881.....	111	23	64	14	41	23	48	15	62	12	36	32	38	14	18	22	19	13	8	12	445	17
1882.....	119	24	57	12	42	22	58	17	72	14	32	27	43	15	11	13	17	11	13	19	464	17
9 years.....	1,053	27	533	14	263	18	537	21	616	15	253	28	279	13	130	20	171	15	73	15	3,907	19

TABLE SHOWING THE FIVE PRINCIPAL CAUSES OF DEATH IN SOMERVILLE IN 1882, WITH THE NUMBER AND RATE IN EACH DISTRICT.

DISTRICTS.	CONSUMPTION.		DIPHTHERIA.		PNEUMONIA.		CHOLERA INFANTUM.		HEART DISEASE.	
	No. of Deaths.	No. per 1,000 of pop.	No. of Deaths.	No. per 1,000 of pop.	No. of Deaths.	No. per 1,000 of pop.	No. of Deaths.	No. per 1,000 of pop.	No. of Deaths.	No. per 1,000 of pop.
I.....	33	6.57	14	2.79	10	1.99	5	1.00	2	0.40
II.....	13	2.65	1	0.20	2	0.41	3	0.61	5	1.02
III.....	10	5.27	6	3.15	3	1.58	4	2.11		
IV.....	13	3.86	2	0.59	7	2.08	8	2.37	1	0.30
V.....	7	1.33	12	2.28	2	0.38	2	0.38	5	0.95
VI.....	5	4.29	9	7.73	.....	.....	5	4.29	2	1.72
VII.....	5	1.74	6	2.08	6	2.08	2	0.69	4	1.39
VIII.....	1	1.17	1	1.17	1	1.17	1	1.17		
IX.....	1	0.65	1	0.65	1	0.65	.....	.....	2	1.31
X.....	2	2.97	.....	.....	2	2.97	1	1.48	2	2.97
Total....	90	3.27	52	1.85	34	1.23	31	1.12	23	0.83

TABLE OF SCARLET FEVER, DIPHTHERIA, AND TYPHOID FEVER IN EACH DISTRICT IN 1882.

DISTRICT.	SCARLET FEVER.				DIPHTHERIA.				TYPHOID FEVER.			
	Cases reported.	Deaths.	Cases per 1,000 of pop.	Deaths per 1,000 of pop.	Cases reported.	Deaths.	Cases per 1,000 of pop.	Deaths per 1,000 of pop.	Cases reported.	Deaths.	Cases per 1,000 of pop.	Deaths per 1,000 of pop.
I.....	5	.....	1.00	.....	36	14	7.17	2.79	12	.....	2.39	.....
II.....	.....	.....	.....	.....	10	1	2.04	0.20	4	2	0.80	0.40
III.....	7	.....	3.69	.....	15	6	7.90	3.16	1	1	0.53	0.53
IV.....	6	2	1.78	0.59	12	2	3.56	0.59	6	1	1.78	0.30
V.....	10	2	1.90	0.38	45	12	8.54	2.28	5	1	0.95	0.19
VI.....	2	.....	1.72	.....	19	9	16.32	7.73	1	.....	0.86	.....
VII.....	4	.....	1.39	.....	21	6	7.30	2.08	1	.....	0.35	.....
VIII.....	.....	.....	.....	.....	9	1	10.50	1.17	3	1	3.50	1.17
IX.....	.....	.....	.....	.....	2	1	1.31	0.65	.....	.....	.....	.....
X.....	5	.....	7.42	.....	3	.....	4.45	.....	5	2	7.42	2.96
Total ..	39	4	1.42	0.15	172	52	6.24	1.89	38	8	1.38	0.29

NUISANCES ABATED IN EACH DISTRICT IN 1882.

District.	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	X.	Total.
Population	5021	4900	1899	3369	5268	1164	2878	857	1531	674	27561
Cellar damp	3	3	1	....	8	4	4	....	....	....	23
Cesspool defective .....	....	....	....	1	2	1	....	....	1	....	5.
“ offensive .....	....	....	....	1	....	....	....	....	....	....	1
“ overflowing .....	....	....	....	....	1	1	....	....	....	1	3
Connections of drainage pipes defective	5	13	2	6	8	1	10	1	1	5	52
Cows kept in L of house .....	....	....	....	....	....	....	....	1	....	....	1
Drainage defective	19	2	7	11	15	6	4	....	2	1	67
“ emptying in cellar	7	3	1	2	3	....	2	....	2	....	20
“ emptying on surface	8	1	4	13	8	11	4	5	....	2	56
Drain-pipe broken and leaking .....	....	....	....	....	....	....	1	....	....	....	1
“ clogged	2	1	....	....	....	....	1	....	....	....	4
“ defective	4	10	9	2	13	....	11	....	1	1	51
Hens kept in cellar	2	1	....	....	....	1	....	....	....	....	4
Manure exposed and offensive	7	2	3	1	4	3	4	4	1	1	30
Offal in cellar .....	....	....	....	....	1	....	....	....	....	....	1
“ on land	1	3	2	5	....	....	....	....	....	....	11
Offensive odor in and about dwellings	14	1	1	....	4	....	3	....	....	1	24
Opening in drain-pipe in cellar	1	....	....	....	....	....	1	....	....	....	2
Premises filthy	3	1	....	2	1	4	1	1	....	....	13
Privy filthy	1	....	1	....	....	....	....	....	....	....	2
Privy-vault full	39	11	6	31	9	17	7	4	4	1	129
“ leaking	1	....	....	....	2	....	....	....	....	....	3
“ not properly constructed	4	....	....	3	3	1	....	....	1	....	12
“ offensive	22	9	9	12	18	9	4	....	2	15	100
Sewer outlet offensive .....	....	....	....	....	....	....	....	1	....	....	1
Slaughter-house offensive	1	....	....	....	....	....	....	....	....	....	1
Slops thrown on surface	3	2	4	9	1	....	1	....	....	1	21
Soil-pipe clogged .....	....	....	....	....	1	....	....	....	....	....	1
“ not ventilated .....	....	1	....	....	2	....	1	....	1	....	5
Stable and stable premises filthy and offensive	2	2	....	3	2	1	3	1	....	....	14
Stagnant water in house cellar	6	5	4	....	4	....	2	....	....	....	21
“ “ in stable cellar .....	....	....	1	....	1	....	1	....	....	....	3
“ “ on surface	13	....	....	1	....	8	3	....	....	....	25
Waste-pipe clogged	1	....	....	....	....	....	....	....	....	....	1
“ defective .....	....	....	....	....	1	....	1	....	....	....	2
“ leaking	1	....	....	1	1	....	....	....	....	1	4
“ not trapped	24	27	16	19	35	18	26	4	1	5	175
Water-closet defective	1	1	1	....	....	2	5	....	....	1	11
“ insufficiently suppli'd with water .....	....	1	....	1	....	2	4	....	....	....	8
“ not supplied with water	3	....	2	1	....	....	....	....	....	....	6
“ offensive	1	3	1	....	5	3	3	....	2	....	18
Water-pipe leaking .....	....	1	....	....	....	....	....	....	....	....	1
Wooden waste-pipes and drains ..	3	1	1	1	5	1	....	....	....	....	12
	202	105	76	126	158	94	107	22	19	36	945

REGULATIONS.

The following regulations have been adopted since the publication of our last report.

IN BOARD OF HEALTH OF
THE CITY OF SOMERVILLE, March 1, 1883.

Whereas, It has been voted by this board that from and after this date every dwelling where a case of small-pox, scarlet fever, diphtheria, or typhus fever is known to exist, be conspicuously labelled at its entrance or entrances with a card or cards marked "Small-pox here," "Scarlet fever here," "Diphtheria here," or "Typhus fever here," as the case may be, said card or cards there to remain until removed by this board, or its agent, or by permission of this board, it is therefore

Ordered, That the following regulation be and is hereby adopted:—

1. No person shall, without permission from this board, remove from any dwelling in this city any card affixed thereto by this board or its agent indicating that small-pox, scarlet fever, diphtheria, or typhus fever exists in said dwelling, nor shall any person obliterate or deface such card; nor shall the occupant of any dwelling to which such card may be affixed permit the same to be removed, obliterated, or defaced, without immediately notifying this board; nor shall any person, except members of the immediate family and those whose business calls them there, visit a dwelling labelled with a card as aforesaid, without the written permission of this board.

IN BOARD OF HEALTH OF
THE CITY OF SOMERVILLE, March 1, 1883.

Whereas, The diseases known as small-pox, scarlet fever, diphtheria, and typhus fever are contagious and dangerous to the public health, and have been, and may easily be, contracted at funerals, from dead bodies or apartments which have been infected by such diseases, it is therefore

Ordered, That the following regulations be and are hereby adopted:—

1. From and after this date no public funeral shall be held over the remains of any person having died of small-pox, scarlet fever, diphtheria, or typhus fever, except by written consent of this board, and under such regulations as said board may prescribe; and no persons except members of the immediate family and those whose business calls them there shall be admitted to the house where such death has occurred until after the interment has taken place and the premises have been fumigated, without the written permission of this board.

2. The remains of every person dying of either of said diseases shall at once be placed in a tight or sealed coffin, which shall not thereafter be opened or unsealed; and the burial shall take place immediately.

APPROPRIATION FOR HEALTH DEPARTMENT AND EXPENDITURES THEREFROM, 1882.

APPROPRIATION, \$2,500 00

RECEIPTS :

For fees, for permits to keep swine and goats and to collect grease,	\$273 00	
Ashes sold,	32 25	
Bill of M. R. Warren for stamps in 1881, paid twice.	4 00	309 25
Total credit,		<u>\$2,809 25</u>

EXPENDITURES : —

For Inspector's salary,	\$500 00	
Collecting offal,	500 00	
Collecting ashes,	1,429 56	
Burying dead animals,	20 00	
Fumigating,	114 00	
Sulphur,	7 80	
Cast-iron spiders for fumigating,	2 50	
Vaccine virus,	30 00	
Oil of peppermint,	38 50	
One half cost of dam and tide gate near Eastern Railroad, to improve outlet of Waverly Street sewer, the other half being paid by the city of Boston,	134 63	
Digging ditch at outlet of Canal Street sewer,	15 00	
Books, printing, stationery, advertising, and postage stamps,	110 50	
Carriage hire,	16 00	
Expenses at Mystic Lake,	2 00	
Serving notice in Boston,	1 00	
Total debit,		2,921 49
Excess of expenditures,		<u><u>\$112 24</u></u>

GEORGE A. KIMBALL, C. E.
 GEO. C. SKILTON.
 THOMAS M. DURELL, M. D.

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REPORT
OF THE
CITY PHYSICIAN.

CITY OF SOMERVILLE.

IN BOARD OF ALDERMEN, March 1, 1883.

Referred to the Committee on Printing, to be printed with the Annual Reports for the year 1882, and sent down for concurrence.

GEO. I. VINCENT, *Clerk pro tem.*

IN COMMON COUNCIL, March 1, 1883.

Concurred in.

DOUGLAS FRAZAR, *Clerk.*

CITY OF SOMERVILLE.

REPORT OF THE CITY PHYSICIAN.

To His Honor the Mayor and the City Council: —

GENTLEMEN, — I have the honor to present the following report for the year ending Dec. 31, 1882: —

I was appointed on the 15th of February, 1882, and entered at once upon my duties.

I have made during the year 2,937 visits; of these 2,686 were medical and 251 surgical; 35 visits were made to persons at the police station. I have viewed the bodies and given certificates of the probable cause of death of 12 persons who died unattended by a physician. I have examined 7 persons supposed to be insane, and have given certificates in 4 cases. 52 persons had teeth extracted at my office.

Shortly before my appointment the Board of Health offered free vaccination to all who could not afford to pay for having it done (many applied, I am sorry to say, who ought not to have come under this head). In this way I vaccinated 207 at my office and elsewhere, a large proportion of this number being children who wished to attend school.

In a large proportion of the cases which come under the care of the City Physician the patients are fully in as much need of proper food as they are of medicine. Cases of pneumonia, for example, in which milk would form a large part of the treatment. In such cases I think the City Physician should have the power to order necessary articles of diet. Our Overseers of the Poor meet only once in two weeks, and live in widely separated parts of the city,

and it is sometimes impossible to obtain an order for twenty-four hours at least. In cases of the sort I mention above such a delay would be a very serious matter.

It is to be hoped that the suggestion of the Overseers of the Poor in regard to an almshouse will be carried out, for in such a case many of our own poor might receive much better care and attention than they do at present, and at the same time be cared for at a much less expense than at present.

Respectfully submitted,

THOMAS M. DURELL, M. D.,

City Physician.

REPORT

OF THE

TRUSTEES OF THE PUBLIC LIBRARY.

CITY OF SOMERVILLE.

IN BOARD OF MAYOR AND ALDERMEN, Feb. 7, 1883.

Referred to the Committee on Printing, with instructions to print the same in the Annual Reports, and sent down for concurrence.

CHARLES E. GILMAN, *Clerk*.

IN COMMON COUNCIL, Feb. 8, 1883.

Concurred in.

DOUGLAS FRAZAR, *Clerk*.

PUBLIC LIBRARY.

TENTH ANNUAL REPORT.

To the Members of the City Council:—

GENTLEMEN,—The annual report of the librarian, hereto appended, shows that the library is increasingly used and valued by the people of this city with every added year of its existence. It has been the endeavor of the trustees to administer the funds placed at their command in such a way as to make it more valuable in its influence and increasingly serviceable to the several classes of readers that draw or consult its volumes. A good deal of work has been attempted by the book committee, not only in their care to make the best selections from the books of the year, which necessarily form a considerable portion of their purchases, but also in the attempt to give greater adequacy and completeness to the different departments of standard works. They call attention, especially, to what has been done in completing the standard English poets, and in adding many works of value in the departments of history, biography, political economy, and philosophy. Teachers and others interested in education will also be glad to know that quite a number of the choicest and most approved works on school instruction and pedagogic methods have been added during the year. Considerable effort has also been made to fill gaps among the best works of standard fiction and to supply deficiencies in the department of juveniles. With nearly 10,000 volumes now on our shelves, the duty of proper selection of books and their apportionment as to topics and relative cost becomes more and more difficult

and responsible ; and it is clear that with the increase of borrowers the adoption of new methods of purchasing, cataloguing, and administration is only a question of time.

The new shelf room which has been added during the year has temporarily furnished room for the accumulating books ; but the crowded state of the library, the insignificant size of the reading and waiting room, the discomfort and confusion that are coming to prevail at certain hours, the impossibility of using in the present state of the accommodations the reference books or periodicals by any considerable number of persons, cause us to urgently renew the plea of last year for new quarters for the library and for speedy consideration of the best way of granting it relief and enlargement. Early in the year the trustees appointed a committee to consult and report on this matter, and plans and estimates have been prepared of a one-story extension of the City Hall building which have received the cordial approval of the board. We believe that adequate accommodations for the next ten or fifteen years can be provided at a cost of not more than \$4,500 ; and shall be glad to consult with any committee of your body in reference to these suggestions at an early day. While not ideally the best provision for the library, we believe that this proposed extension will be much the most economical method of providing adequate and convenient rooms ; and will have, further, the great advantage of continuing the present facilities for economical lighting, warming, and attendance. May we not hope that the improving financial condition of the city, together with the increasing need, will make feasible this year the action which successive Mayors have recommended, and for which successive Boards of Trustees have pleaded ?

The financial statement of the year is as follows : —

Appropriation,	\$1,500 00
Dog licenses,	1,018 37
Catalogues,	28 80
Fines,	236 71
	<hr/>
	\$2,783 88
	<hr/>

REPORT OF THE TRUSTEES OF THE PUBLIC LIBRARY. 219

Expended for salaries,	\$1,304 19
Books,	971 91
Printing,	213 50
Binding,	55 44
Catalogues,	113 50
Express,	25 05
	<hr/>
	\$2,683 59
Balance to credit in account 1883,	100 29
	<hr/>
	\$2,783 88
	<hr/>

For the Board of Directors,

HENRY H. BARBER,

President.

LIBRARIAN'S ANNUAL REPORT.

The whole number of books now in the library is 9,766. The library has been open 306 days, and 67,673 books have been delivered. Of this number 1,000 have been used here. 731 have been added during the year.

The largest number given out in any one month was 7,143, and the largest number on any day was 657.

Two hundred books have been rebound and sixty-five worn out, and where it was thought necessary, have been replaced. We have not many gifts to record. One magazine has been donated, "The Electrician," one book, and one newspaper, "The Register." These have been duly acknowledged. We have also added "Education" to our list of periodicals.

Early in the spring a request for more shelf room was made, which request was promptly complied with, thus giving us ample accommodation for the well-selected volumes just placed upon the shelves. Nine hundred and fifteen names have been registered.

In September a supplement was completed, which proves a great convenience, as it was much needed and meets with a ready sale. These should be printed as often as every other year.

According to a vote of the Trustees, 50 copies of catalogue and supplement have been bound expressly for the grammar schools and presented in your name. The Superintendent of the Schools has distributed them and expressed his thanks for the same.

I would propose as assistants the same who are at present employed in the library: Lizzie Stevens, assistant; Georgette Colman and Lucia Manning, substitutes; W. Crooker and I. Fillebrown as runners.

H. A. ADAMS,

Librarian.

REPORT
OF THE
COMMITTEE ON HIGHWAYS.

CITY OF SOMERVILLE.

IN BOARD OF MAYOR AND ALDERMEN, Dec. 30, 1882.

Report accepted. Referred to Committee on Printing, with instructions to print the same in the Annual Reports. Sent down for concurrence.

CHARLES E. GILMAN. *Clerk.*

IN COMMON COUNCIL, Dec. 30, 1882.

Concurred in.

DOUGLAS FRAZAR, *Clerk.*

CITY OF SOMERVILLE.

IN COMMITTEE ON HIGHWAYS, Dec. 30, 1882.

To the City Council of Somerville:—

THE following is presented as the final report of the Committee on Highways for the year 1882.

APPROPRIATIONS AND EXPENDITURES.

HIGHWAYS ACCOUNT.

APPROPRIATION,		30,000 00
Receipts and credits:—		
For private work done in 1881,	287 49	
Rent of dwellings at City Farm,	136 00	
Gravel from Wakefield gravel land,	152 80	
Value of gravel received from Waltham,	363 75	
Net increase in value of materials		
during year,	1 01	
Value of personal property, Jan. 1,	8,375 03	
Value of materials, Jan. 1,	206 80	
Profit on crushed stone (being excess of credits at \$1.25 per load at the crusher, over expenses),	630 62	
		10,153 50
Total credit,		\$40,153 50
EXPENDITURES AND DEBITS:—		
For removing snow and ice,		1,876 41
Cleaning streets,		2,155 77
Repairs of streets, made necessary by the laying of horse-railroad tracks:—		
Beacon Street, west of Washington Street,	1,526 66	
Amounts carried forward,	1,526 66	4,032 18

<i>Amounts brought forward,</i>	1,526 66	4,032 18
Newton Street (tracks laid in 1881),	21 26	
Somerville Avenue, from Oxford to North Cambridge,	416 28	
Summer Street, from Bow to Putnam Street,	91 89	
	<hr/>	2,056 09
For repairs and paving in connection with the setting of edgestones : —		
Concord Avenue, paving,	350 37	
“ “ repairs,	93 56	
Day Street, paving,	276 15	
“ “ repairs,	187 44	
Newton Street, paving,	254 17	
“ “ repairs,	17 50	
Pearl Street, paving,	227 61	
“ “ repairs,	903 02	
Wallace Street, paving,	1,034 01	
“ “ repairs,	773 66	
Cross Street (west end), paving,	1,036 03	
Vinal Avenue,	1,251 04	
	<hr/>	6,404 56
For filling on the south side of Mystic Avenue and partially repairing said avenue between the park and Austin Street,		722 95
For ordinary repairs of streets : —		
Medford Street, between School and Sycamore,	741 15	
Central Street, from Lowell Railroad, southerly 300 feet,	140 90	
Pinckney Street,	78 09	
Washington Street, near Lowell Railroad,	64 17	
Washington Street, near Fitchburg Railroad,	93 93	
Prospect Street Bridge approaches,	8 80	
General repairs,	6,928 41	
	<hr/>	8,055 45
<i>Amount carried forward,</i>		21,271 23

<i>Amount brought forward,</i>	21,271 23
For labor in building sidewalks where materials were furnished by abutters,	368 30
Repairs and paving made necessary by the building of said sidewalks,	152 45
Repairs of paving,	327 40
Repairs of brick sidewalks,	711 65
Labor in widening driveway for private street (materials paid for by petitioner),	7 90
Clearing streets after construction of sewers and catch-basins,	465 87
Street crossings,	688 14
Laying out of Austin Street (advertising, etc.),	12 15
Laying out of Cottage Avenue (advertising, etc.),	11 55
Laying out of Herbert Street (advertising, etc.),	11 55
Laying out of Jaques Street (advertising, etc.),	12 75
Laying out of Newbury Street (advertising, etc.),	13 95
Laying out and construction of Vinal Avenue,	559 72
Construction of Cross Street (northeasterly extension),	696 72
Construction of Cross Street (southwesterly extension),	223 06
Construction of Linden Avenue (from Summer Street southwesterly), about 400 feet,	458 56
Construction of North Street,	1,701 28
One half cost of maintaining Middlesex Avenue Bridge (the other half being paid by the town of Medford),	373 44
Tax on Wakefield gravel land,	27 64
Tax on Winchester gravel land,	10 75
Tax on Waltham gravel land,	127 50
Grading for track in 1876 at Waltham gravel land,	37 26
Sewer assessment on Bond Street land,	90 00
Damage by widening Gilman Street,	18 00
Pump at Oliver Street land,	15 00
Part cost of setting fountain in Union Square,	24 65
<i>Amount carried forward,</i>	28,418 47

<i>Amount brought forward,</i>		28,418 47
For constructing passageway between Marshall Street and Sargent Avenue,		146 51
Stone bounds,		50 00
Repairs of city stable dwellings,		108 16
Private work done, the bills for which remain unpaid,		177 33
Repairs of tools, etc.,		104 99
Superintendent's salary,		1,500 00
Books, stationery, and printing,		69 95
Collecting ashes,	1,451 46	
Less credits from Health Department account,	1,429 56	
		21 90
Expenses of city teams:—		
Grain,	1,762 23	
Hay and straw,	767 62	
Cutting hay,	104 16	
Shoeing,	338 77	
Doctoring and medicine,	138 78	
Repairs of carts and implements used with horses,	572 25	
Repairs of harnesses,	85 01	
Horse hire,	18 00	
Stable expenses and repairs,	1,191 08	
Value of carts and implements used with horses, Jan. 1,	2,292 70	
Added during the year,	280 41	
Total,	2,573 11	
Value of same on hand, Dec. 30,	1,923 70	
Depreciation,	649 41	
Value of harnesses, Jan. 1,	693 00	
Value of same on hand Dec. 30,	576 00	
Depreciation,	117 00	
<i>Amounts carried forward,</i>	5,744 31	30,597 31

<i>Amounts brought forward,</i>	5,744 31	30,597 31
Value of stable utensils, etc.,		
Jan. 1,	115 50	
Added during year,	12 25	
Total,	127 75	
Value of same Dec. 30,	57 00	
Depreciation,	70 75	
Value of horses Jan. 1,	3,480 00	
Added during year (one horse)		
\$255, less one horse died,	30 00	
Total,	3,510 00	
Value of horses Dec. 30,	2,605 00	
Depreciation,	905 00	
Total expenses of teams,	6,720 06	
Less earnings at \$1.25 per horse per day,	4,457 68	
Excess of expenses over earnings,		2,262 38
Value of horse that died during the year,		225 00
Value of tools, etc., Jan. 1,	335 18	
Added during the year,	138 13	
Total,	473 31	
Value of same Dec. 30,	216 45	
Depreciation,		256 86
Value of materials on hand, Dec. 30,		717 48
Value of property on hand, Dec. 30 : —		
Horses,	2,605 00	
Carts and implements used with horses,	1,923 70	
Harnesses,	576 00	
Stable utensils, etc.,	57 00	
<i>Amounts carried forward,</i>	5,161 70	34,059 03

<i>Amounts brought forward,</i>	5,161 70	34,059 03
Tools, etc.,	216 45	
Stone crushed and machinery,	1,452 50	
	<hr/>	6,830 65
Total debit,		\$40,889 68
Excess of expenditures,		<hr/> <hr/> \$736 18

Labor and materials have also been furnished to private parties during the year, in the construction of driveways, laying of sidewalks, etc., the bills for which have been collected by the City Treasurer, to the amount of \$740.97.

SIDEWALKS ACCOUNT.

APPROPRIATIONS,		2,600 00
EXPENDITURES : —		
For Concord Avenue sidewalks,	412 38	
Cross Street “	927 24	
Day Street “	1,255 01	
Glen Street “ (advertising),	10 80	
Newton Street “	460 60	
Pearl Street “	302 57	
Vinal Avenue “	1,996 79	
Wallace Street “	1,992 18	
Total cost,	<hr/> 7,357 57	
Assessments,	3,672 92	
Net cost to city,		<hr/> 3,684 65
Excess of expenditures,		<hr/> <hr/> \$1,084 65

A full description of the sidewalks constructed may be found in the City Engineer's report.

WATERING STREETS ACCOUNT.

APPROPRIATION,	3,000 00	
Received from abutters,	3,133 95	
Value of carts, stand-pipes, and hydrant-wrenches, Jan. 1,	2,962 00	
Total credit,	<hr/>	\$9,095 95

EXPENDITURES : —

For Teaming,	3,808 00	
Water,	1,950 12	
Repairs of carts,	166 06	
Hose,	44 25	
Repairs of hydrants and stand-pipes,	35 22	
Advertising,	13 50	
Collecting,	25 00	
Total,	6,042 15	
Value of carts, stand-pipes, etc., Dec. 30,	2,604 00	
Depreciation in value of property,	358 00	
		9,004 15
Balance unexpended,		\$91 80

STORMS.

The heavy snow-storms in the early part of the year, especially in the month of February, caused a large expense to this department. Of the total cost of removing snow and ice during the year, which was \$1,876.41, the sum of \$1,706.42 was expended in the months of January and February. The damage to streets by heavy rainfalls during the year has been light.

MYSTIC AVENUE.

In compliance with petitions received early in the year, considerable work has been done in improving Mystic Avenue, between Temple Street and Austin Street. The filling of the ditches on the southerly side has been substantially completed, and some repairs have been made upon the road-bed ; a part of the avenue between the park and Middlesex Avenue has also been raised and macadamized. The figures given in the foregoing statement of expenditures do not represent the full value of the work done on this improvement, as considerable filling has been carted to the ditches without additional expense to the city, because it had to be disposed of, and this served as a convenient dump. About 2,342 cubic yards of filling have been placed here during the year, besides some seven hundred loads of ashes collected for the Board of Health at the expense of Health Department account.

CHARLES RIVER STREET RAILWAY COMPANY.

The Charles River Street Railway Company has extended its tracks this year in Beacon Street and Somerville Avenue from Washington Street to the North Cambridge line, and in Summer Street from Bow Street to Putnam Street, and it has also laid connecting tracks across the Fitchburg Railroad, for which permission was obtained from the railroad commissioners. Within the present month it has commenced running cars between our city and Boston, via Cambridge. Although this road is already a benefit to us and promises in the near future to aid in the development of our city by affording improved means of local travel, it will be seen by the foregoing financial statement that the extension of its tracks necessitates a considerable outlay by the city for repairing the streets where they are laid, and as we hope the company will push on as vigorously in the coming year as it has in the past, the next City Council should bear this fact in mind when making the appropriation for highways. This company has some two miles of tracks in our streets, all of which have been laid within the past two years.

RAILROAD BRIDGES.

An order of a former City Council was placed in our hands, instructing the Committee on Highways to endeavor to arrange with the Boston and Lowell Railroad Company for the building of a new bridge over its road at School Street. We have given the matter due attention and have received valuable aid from his Honor Mayor Cummings. The railroad company being desirous of raising and widening its bridges at Cross and Walnut Streets, an order was offered in the Board of Aldermen and passed by the City Council authorizing the Mayor to contract with the company for new bridges at these streets, in accordance with plans submitted by its engineer, and of the full width of the streets, to be built entirely by the railroad company, except the grading of the approaches, which is to be done by the city. The railroad company has made some repairs on the School Street Bridge, and has expressed a desire to replace it with a new bridge during the coming year.

STONE CRUSHER.

The stone crusher continues to give good satisfaction. It has

supplied us with all the broken stone used, and the screenings have taken the place of gravel for our sidewalks.

STEAM ROAD-ROLLER.

We believe the time has come when Somerville should own a steam road-roller. We have taken special pains to inform ourselves of the utility of this machine, and have been convinced by personal observation of its work. The city of Newton owns one and has run it for about a year and a half. Its cost was about \$6,000, and, at the time when we saw it, in September last, it had not cost a dollar for repairs. It is both a roller and a picker, and its work in each capacity was witnessed by this committee. From its great weight it rolls a road-bed more compactly than can be done by a horse roller, and its work is consequently more durable; and the thorough and expeditious manner in which it picks up macadam is surprising. It requires an engineer to run it, and can be worked in rainy as well as fair weather, as it is provided with a shelter for the man. It can also be run by night as well as by day. We are confident it would be a matter of pure economy to purchase one of these rollers, as its saving of labor would, we believe, pay the cost of the machine, with interest, in a few years.

DRINKING FOUNTAIN IN UNION SQUARE.

A petition numerously signed was received early in the year for a more suitable watering trough in Union Square, on the easterly side, and the removal of the old one. An iron drinking fountain surmounted by a street lamp, and manufactured by Henry F. Jenks, of Pawtucket, R. I., has just been placed in Union Square, on the easterly side, and within the triangle formed by the prolongation of the northeasterly line of Somerville Avenue and the southwesterly line of Washington Street, and the old watering trough will soon be removed.

NEW STREETS.

Six streets have been accepted during the year, to wit: Austin Street, from Broadway to Mystic Avenue; Cottage Avenue, from Russell Street to Chester Street; Herbert Street, from Chester

Street to Day Street; Jaques Street, from Chauncey Avenue to Temple Street; Newbury Street, from Holland Street to the Cambridge line, and Vinal Avenue, from Summer Street to Highland Avenue.

Vinal Avenue has been graded and prepared for macadamizing, and the gutters on both sides have been paved in connection with the setting of edgestones. No work has been done upon the construction of the remaining streets.

Cross Street, from Medford Street to High Street, and Cross Street, from Broadway to Mystic Avenue, both accepted in 1881, have been graded this year, but have not been macadamized, and gutters have been paved in connection with the setting of edgestones on both sides of Cross Street, between Medford Street and High Street.

North Street, which was accepted in 1880 as a 40-foot street, from Broadway to City Bound Number 17, has been widened and graded during the present year, but has not been macadamized. This street, which is one of the old range-ways laid out by the colonial government, and forms a convenient route between our city and Medford, was in such a dangerous condition as to be almost impassable, and its construction was clearly a matter of necessity.

Linden Avenue, which was accepted and graded a few years ago, has been macadamized this year on its northerly end, from Summer Street southwestwardly about 400 feet.

PAVING GUTTERS.

The paving of gutters in connection with the construction of sidewalks is, it seems to us, an item of expense which has not been fully understood. It is borne by the appropriation for highways, and is necessitated by every sidewalk that is built. It will be seen by the statement of expenditures in this report that the cost of paving gutters is, on the average, more than one half as much per foot as the entire cost of a gravel sidewalk with edgestones (Day Street sidewalk being the only brick walk laid this year), and, as one half of the cost of each sidewalk is assessed upon the abutters, it appears that for every dollar of cost to the city for gravel sidewalks with edgestones more than a dollar must be expended from the appropriation for highways for paving gutters.

We think money spent for paving gutters is well spent, as it contributes largely to the good appearance of the street and reduces the expense of maintaining it; and, as it is an outlay which cannot be avoided if sidewalks are to be built, proper provision should be made for it in the annual appropriation.

IMPROVEMENTS.

We believe it is true policy to encourage by public improvements the enterprise which is developing in all parts of our city, and, as a large portion of the expense of these improvements falls upon the appropriations managed by this committee, it would seem that they should be as liberal as a due regard for economy will permit.

Additional details of the work performed during the year may be found in the accompanying schedules.

For the committee,

ASA DURGIN, *Chairman.*

GEO. I. VINCENT, *Clerk.*

STREETS MACADAMIZED AND GRAVELLED.

NAME.	FROM	To	
Beacon	Washington.....	Somerville Avenue..	4,200 feet.
Central	Lowell R. R. Bridge	Southwesterly	300 "
Linden Avenue.....	Summer	Southwesterly	400 "
Medford	Sycamore	School	1,000 "
Mystic Avenue	Winthrop Avenue...	Southeasterly	400 "
Newton.	Webster Avenue....	Concord Square....	600 "
Pearl	Cross	Northwesterly	450 "
Pinckney	Pearl	Southerly	225 "
Somerville Ave.	Beacon Street.....	Cambridge Line	450 "
Summer	Bow.....	Putnam.....	800 "
Wallace	Broadway.....	Holland.....	1,320 "
Washington	Lowell R. R. Bridge	Westerly	250 "

STREETS GRADED.

NAME.	FROM	To	
Cross	Broadway	Mystic Avenue.....	1,100 feet.
Cross	Medford	High	600 "
North	Broadway	City Bound No. 17..	1,900 "
Vinal Avenue	Highland Avenue...	Summer	1,400 "

PRIVATE SIDEWALKS CONSTRUCTED.

NAME.	STREETS.	Feet of edgestones.	Yards of brick.
John Medina.....	Broadway, cor. Curtis.....	400	
Andrews and Lovering.....	Broadway, near Cross	67	
G. C. Bonner	Columbus Avenue .....	.....	45.5
C. W. Kingsley.....	Cottage Avenue	250	163.5
I. H. Brown	Day Street.....	65	47.5
E. S. Conant and others.....	Hillside Avenue	311.5	165.5
A. Foster.....	Laurel Street.....	.....	81.5

CROSSINGS CONSTRUCTED.

Bonair Street, at New Street, opened by R. A. Melvin.

Cross Street, at Boston Street.

Lincoln Street, at Arlington Street.

Orchard Street, at Chester Street.

Somerville Avenue, at Loring Street.

Wallace Street, at Holland Street.

Washington Street, at Florence Street.

Washington Street, at Linwood and Medford Streets.

Webster Avenue, at Emerson Street.

CULVERTS CONSTRUCTED.

Mystic Avenue (wooden),	1
Mystic Avenue (pipe),	1
North Street (stone),	2

DANGER SIGNS ERECTED.

At Brastow Avenue.

At Oxford Street.

At Summit Avenue.

STREET SIGNS ERECTED.

Aldersey Street,	Merriam Street,
Arlington Street (2),	Monroe Street,
Boston Street,	Mystic Street,
Broadway,	Oakland Avenue,
Central Square,	Orchard Street,
Craigie Street,	Porter Street,
Cross Street,	Powder House Square,
Ellsworth Street,	Prospect Street,
Elm Street,	Rush Street,
Evergreen Avenue,	School Street,
Flint Street,	Somerville Avenue,
Garfield Avenue,	Springfield Street,
Houghton Street,	Union Street,
Linden Street,	Walnut Street,
Medford Street,	Webster Street (2).

PAVING AND EDGESTONES.

Whole number of square yards of brick paving laid (including 382 yards relaid), 1,757.82; whole number of square yards of stone paving laid (including 300 yards relaid), 4,293.5; whole number of lineal feet of edgestones set (including 780 feet reset), 11,341.42.

TREES.

Permits issued for setting out trees,	86
Number of trees cut down,	14

PERMITS ISSUED.

For digging up sidewalks,	2
Digging up streets,	2
Setting hitching posts,	3
Occupying sidewalks,	2
Setting out trees (as above),	86

REPORT
OF THE
COMMITTEE ON SEWERS.

CITY OF SOMERVILLE.

IN BOARD OF ALDERMEN, Dec. 30, 1882.

Report accepted, and referred to the Committee on Printing, with instructions to print the same in the Annual Reports. Sent down for concurrence.

CHARLES E. GILMAN, *Clerk.*

IN COMMON COUNCIL, Dec. 30, 1882.

Concurred in.

DOUGLAS FRAZAR, *Clerk.*

CITY OF SOMERVILLE.

IN COMMITTEE ON SEWERS, Dec. 30, 1882.

To the Board of Aldermen of Somerville: —

THE following is the final report of the Committee on Sewers for the year 1882: —

APPROPRIATION,	14,000 00	
Receipts for fees for entering sewers,	75 12	
Credit, from Sidewalks account for catch-basin curbs,	39 52	
Value of materials on hand Jan. 1,	259 05	
Tools and property “ “	192 40	
Total,		14 566 09

EXPENDITURES AND DEBITS: —

Cost of 16 sewers, as per table,	14,500 74	
Less assessments	9,134 50	
Cost to city,	\$5,366 24	
Less sum not paid to contractor,	99 33	
Net expenditures,	5,266 91	
Cost of rebuilding sewer in South Street,	309 57	
Less bills unpaid,	16 00	
	293 57	
For extension of Bow Street sewer, in Union Square,	958 50	
Sewer in Russell Square,	33 67	
Proposed sewer in Sewall, Grant, and Temple Streets (advertising and sounding for ledge),	30 80	
Amounts carried forward,	6,583 45	14,566 09

<i>Amounts brought forward,</i>	6,583 45	14,566 09
For proposed sewer in Jaques Street and		
Chauncey Avenue (advertising),	10 80	
Repairing Bridge Street sewer,	328 05	
15 catch-basins (average \$66.62),	999 39	
$\frac{1}{2}$ cost catch-basin Beacon Street,	46 25	
2 man-holes,	110 25	
Part cost of man-hole Rush Street,	11 25	
Clearing mouths of catch-basins,	141 62	
Cleaning catch-basins,	1,028 60	
Repairing “	629 74	
Examining “	1 88	
Changing lines and grades of catch-		
basins,	16 37	
Repairing sewers and drains,	63 43	
Flushing sewers,	132 00	
Cleaning “	88 32	
Examining “	14 25	
Repairing man-holes,	47 50	
Changing lines and grades of man-		
holes,	79 97	
Cleaning man-holes,	23 24	
“ ditches,	59 27	
Blow-offs into Berkley Street and		
Bow Street sewers, one half the cost,	43 15	
Pipe culvert under Temple Street,	84 24	
Drain in Perkins Street, near Mt.		
Vernon Street,	28 80	
Surveys on Mystic River,	40 25	
Private work, the bills for which re-		
main unpaid,	24 75	
Abatement of sewer assessments,	2 53	
Tools and personal property (includ-		
ing new tool house, \$95.87),	205 82	
Repairing tools and personal property,	63 87	
<i>Amounts carried forward,</i>	10,909 04	14,566 09

<i>Amounts brought forward,</i>	10,909 04	14,566 09
For arranging tools and personal property,	3 00	
Books and stationery,	41 65	
Sundry small expenses,	41 53	
Value of materials on hand Dec. 30,	312 47	
" tools and prop-		
erty Dec. 30.	289 57	
Less purchases this year,		
as above,	205 82	
	<hr/>	83 75
Net depreciation of tools, property,		
and materials,	114 25	
	<hr/>	
Total debit,		11,505 69
Balance unexpended,		<hr/>
		\$3,060 40
		<hr/>

For the committee,

J. L. NORCROSS, *Chairman.*

GEO. I. VINCENT, *Clerk.*

SEWERS BUILT IN 1882.

Street.	From	To	Length in feet.	Total Cost.	Assess- ment.	Cost to City.
Alston.....	Shawmut Pl.....	Cross St.....	581.0	1,800.81	1,221.81	579.00
Shawmut	Washington St...	Shawmut Pl.....	198.2			
Shawmut Pl..	Shawmut St.....	Alston St.....	229.5			
Washington .	Linwood St.....	Shawmut St.....	101.0	416.11	320.77	95.34
Ashland	Summer St.....	Southwesterly....	282.5			
Bedford	South St.....	Cambridge line....	159.5	183.90	142.57	41.33
Bond	Temple St.....	Near angle	794.5	2,807.14	1,440.95	1,366.19
Broadway ...	Marshall St	Near School St. ...	375.5	1,393.71	588.94	804.77
Belmont	End of old sewer.	Northwesterly	437.0	596.98	506.66	90.32
Cottage Ave..	Russell St.	Near Chester.....	471.3	493.01	418.89	74.12
Cross	Medford St.....	Boston St.....	224.0	659.01	494.50	164.51
Cross	Boston St.....	Near High St.....	275.5			
Eliot.....	Vine St.....	Near Park St.....	242.5			
Jaques	Wheatland St.....	Grant St.....	227.5	2,446.15	1,384.20	1,061.95
Jaques	Grant St.....	Temple	799.0			
Joy	End of old sewer.	Washington St....	601.5			
Washington..	Joy St.....	Near Shawmut....	148.0	1,152.39	882.96	269.43
Mt. Vernon..	Broadway.....	Near Perkins St. .	448.0	775.92	636.46	139.46
Nevada Ave..	Village St.	Near Hanson St. .	239.2	190.36	162.00	28.36
Passageway..	Linwood St.....	Southwesterly....	124.0	108.13	92.88	15.25
Rush	Webster St.....	Near Brook St....	268.0	428.23	172.23	256.00
Sacramento .	Beacon St.	Miller St.....	204.0	787.49	471.42	316.07
Miller	Sacramento St....	Near a new street .	270.0			
				14,500.74	9,134.50	5,366.24
Union Sq.....	Washington St....	Bow St.....	227.6	958.50	.....	958.50
			7,928.8	\$15,459.24	\$9,134.50	\$6,324.74

REBUILT.

South.....	Medford St.....	Bedford St.	131.0	309.57	.....	309.57
			8,059.8	\$15,768.81	\$9,134.50	\$6,634.31

REPORT
OF THE
CITY ENGINEER.

CITY OF SOMERVILLE.

IN BOARD OF MAYOR AND ALDERMEN, Feb. 1, 1883.

Referred to the Committee on Printing, with instructions to print the same in the Annual Reports. Sent down for concurrence.

CHARLES E. GILMAN, *Clerk.*

IN COMMON COUNCIL, Feb. 1, 1883.

Concurred in.

DOUGLAS FRAZAR, *Clerk.*

CITY OF SOMERVILLE.

CITY ENGINEER'S OFFICE, Jan. 24, 1883.

To his Honor the Mayor and the City Council: —

GENTLEMEN, — In accordance with the provision of the city ordinance in relation to city engineering, I herewith present my annual report for the year 1882.

SEWERS.

Seven thousand nine hundred and twenty-eight and eight-tenths feet of sewers were built during the year, of which 659.1 feet were of brick and 7,269.7 feet of Akron pipe. In these sewers were built thirty-nine man-holes.

The following table will show the location, size, length, cost, assessment, etc., of each sewer: —

SEWER OUTLETS.

The several sewer outlets are in the same condition as mentioned in my report for the year 1880; those in the vicinity of Mystic Avenue and that at Waverly Street are the cause of nuisances, and the sewers should be extended to deep water.

DEFECTIVE SEWERS.

The Bow Street sewer, which is three feet in diameter, was connected in 1871 by a short 2-foot sewer with the 3-foot sewer in Somerville Avenue; the 2-foot sewer, being less than half the capacity of the Bow Street sewer, prevented its free discharge during heavy rains, and thereby caused the flooding of basements and cellars on Summer Street.

During the year the Bow Street sewer was extended in Union Square a distance of $227\frac{6}{10}$ feet, and connected with the $5\frac{1}{2}$ -foot sewer.

It is expected that this improvement will prevent further damage, and will also relieve the Somerville Avenue sewer.

The 15-inch cement-pipe sewer on South Street, between Medford Street and Bedford Street, was found defective in grade and the pipe was badly cracked. The sewer was rebuilt with Akron pipe.

There are several streets in the city in which there are defective sewers that should be rebuilt at an early day.

THE METROPOLITAN SEWERAGE SYSTEM.

The matter of metropolitan sewerage was referred by the last Legislature to the Legislature of 1883.

It is important to Somerville that the plan for a metropolitan sewerage system should be adopted, and then our new work could be laid out with a view of connecting therewith.

PRIVATE DRAINS.

Two hundred and fifty permits were issued for laying private drains, 232 for new connections, and 16 for repairs.

MAN-HOLES.

Two man-holes were constructed on the Summer Street sewer; many more are needed on our old sewers to furnish proper facilities for frequent examination.

CATCH-BASINS.

Fifteen catch-basins were constructed during the year, at an average cost of \$66.62. A large number of old and decayed wooden covers were replaced by cast-iron covers.

BRIDGES.

The bridges over the Boston and Lowell Railroad at Cross Street, Walnut Street, and School Street are all in an unsafe condition, and, in my opinion, are dangerous to public travel; those over the same railroad at Cedar Street and Broadway are in fair condition. The Central Street and Medford Street bridges are substantial structures and are in good condition.

The Prospect Street bridge over the Fitchburg Railroad is too narrow to accommodate public travel, otherwise the bridge is in a safe condition; the bridges over the same railroad at Washington Street and Beacon Street are in good condition.

All the above-named bridges are over railroads and are maintained by the several railroad corporations.

The stone arch bridge over Alewife Brook, at the dividing line between Somerville and Arlington, is maintained jointly with the town of Arlington, and is a substantial structure and in good condition.

The bridge over Mystic River, at Boston Avenue, is maintained by Medford and Somerville. The bridge is of wood, resting on stone abutments and piers, and is in good condition.

The bridge over Mystic River, at Middlesex Avenue, is a wooden pile bridge with draw. Many of the timbers are badly decayed, the bridge is unsafe, and should be thoroughly repaired. By an order of the County Commissioners the bridge and draw are maintained and repaired by the town of Medford, the city of Somerville to pay one half the expense.

PERAMBULATION OF CITY LINES.

The lines between Medford and Somerville were perambulated by the Selectmen of the town of Medford and a committee from the Board of Aldermen, with the City Engineer.

SIDEWALKS.

The following table will show the sidewalks laid during the year:—

Street.	Side.	From	To	Materials.	Length of walk in feet.	Cost.
Concord Ave.	North	Prospect St...	Newton St....	Gravel and edgestone,	579.8	\$412 38
Cross	Both	Medford St...	High St.....	Gravel and edgestone,	1,212.8	927 24
Day	Southeasterly.	Elm St.	Cambridge line.	Brick and edgestone,	917.8	1,255 01
Newton.....	Southeasterly.	Webster Ave.	Concord Ave..	Gravel and edgestone,	631.2	460 60
Pearl	Northeasterly.	Cross St.....	Westerly.....	Gravel and edgestone,	433.3	302 57
Vinal Ave....	Both	Summer St....	Highland Ave.	Gravel and edgestone,	2,832.1	1,996 79
Wallace.....	Both	Holland St....	Broadway....	Gravel and edgestone,	2,830.2	1,992 18
Total.....	.....	.....	.....	.....	9,437.4	\$7,346 77

The Board of Alderman assessed one half the cost on the abutters.

STREETS.

The following table will show the streets accepted by the City Council during the year:—

STREETS ACCEPTED IN 1882.

Name of Street.	From	To	Width in feet.	Length in feet.
Austin	Broadway	Mystic Avenue.....	40	716
Cottage Avenue	Russell Street.....	Chester Street.....	40	551
Herbert	Chester Street.....	Day Street.....	40	338
Jaques	Chauncey Street	Temple Street	40	1,190
Newbury.....	Holland Street.....	Cambridge line	40	1,261
Vinal Avenue.....	Summer Street	Highland Avenue	45	1,429

A large number of water pipes were located and recorded, benches established, street lines and grades furnished, and other miscellaneous work.

Four assistants have been employed most of the time.

The expenses for the department for the year 1882 were as follows : —

Appropriation for assistants' salaries	.	.	.	\$1,200 00
Expended " " "	.	.	.	1,197 87
				<hr/>
Balance unexpended	.	.	.	\$2 13
Salary of City Engineer, including the maintenance				
of team	.	.	.	\$2,000 00
Salaries of assistants	.	.	.	1,197 87
Repairing instruments, stationery, spikes, tools, car-				
fares, etc.	.	.	.	218 07
				<hr/>
Total expense of department	.	.	.	\$3,415 94

Respectfully submitted,

GEORGE A. KIMBALL,
City Engineer.

REPORT
OF THE
COMMITTEE ON FIRE DEPARTMENT.

CITY OF SOMERVILLE.

IN BOARD OF MAYOR AND ALDERMEN, Dec. 30, 1882.

Report accepted; referred to the Committee on Printing, with instructions to print the same in the Annual Reports, and sent down for concurrence.

CHARLES E. GILMAN, *City Clerk*.

IN COMMON COUNCIL, Dec. 30, 1882.

Concurred in.

DOUGLAS FRAZAR, *Clerk*.

CITY OF SOMERVILLE.

IN COMMITTEE ON FIRE DEPARTMENT, Dec. 30, 1882.

To the City Council of Somerville: —

THE Committee on Fire Department presents the following final report for the current year: —

APPROPRIATION, \$22,000 00

RECEIPTS: —

For articles sold, \$177 44

Insurance (damage to hose
carriage), 22 00

199 44

Total credit, \$22,199 44

EXPENDITURES: —

For pay of permanent men, \$8,539 99

Pay of call men, 4,617 25

Substitute drivers, 308 00

Repairs of apparatus, 1,206 45

Repairs of buildings and furniture, 531 24

Signal boxes, repairs and supplies
for fire-alarm telegraph, 805 83

Harnesses and repairs of same, 204 03

Hose, 450 00

Hose pipes, nozzles, etc., 70 00

Repairing hose, 155 20

Fire-alarm indicators (2), 200 00

Water for hydrants, 1,428 00

Water for houses, 110 00

Grain, 632 63

Hay and straw, 1,090 41

Fuel, 595 80

Amounts carried forward, \$20,944 83 \$22,199 44

<i>Amounts brought forward,</i>	\$20,944 83	\$22,199 44
For supplies,	369 53	
Shoeing horses,	229 56	
Gas,	99 88	
Ice,	29 00	
Insurance,	108 12	
Washing and ironing,	107 73	
Incidentals,	236 24	
	<hr/>	
Total debit,		22,124 89
		<hr/>
Balance unexpended,		\$74 55
		<hr/>

During the year the steam fire engine has been thoroughly repaired and made as serviceable as can be expected, when it is considered that it has been in constant use for sixteen years. The hook and ladder truck and the hose carriages of the steamer company and of hose companies Nos. 2 and 3 have also been repaired, painted, and varnished.

We have purchased five hundred feet of cotton hose, and repaired the old hose, and have added two signal boxes to the fire-alarm telegraph.

For the committee,

C. A. PAGE, *Chairman.*

GEO. I. VINCENT, *Clerk.*

REPORT
OF THE
CHIEF ENGINEER OF FIRE DEPARTMENT.

CITY OF SOMERVILLE.

IN BOARD OF MAYOR AND ALDERMEN, Jan. 24, 1883.

Received and referred to the Committee on Printing, with instructions to print the same in the Annual Reports. Sent down for concurrence.

CHARLES E. GILMAN, *Clerk*.

IN COMMON COUNCIL, Jan. 25, 1883.

Concurred in.

DOUGLAS FRAZAR, *Clerk*.

CITY OF SOMERVILLE.

SOMERVILLE, MASS., Jan. 22, 1883.

To his Honor the Mayor and the City Council: —

GENTLEMEN, — I respectfully present to you a report of the Fire Department for the year 1882, giving the condition of its apparatus and fire-alarm telegraph, a roster of the different companies, with the name, age, residence, and occupation of each member, and a schedule of alarms, fires, losses, and insurance during the year. I also submit certain recommendations for the maintenance and increase of the department's efficiency.

The whole number of alarms during the year was fifty, and the causes of the same, and of fires, were as follows: —

Incendiary	8
Defective chimneys	5
Kerosene lamps broken	5
Accidental	4
False alarms	5
Sparks from locomotives	4
Burning of rubbish	5
Sparks from chimneys	3
Fire-crackers	3
Fire in Medford	1
Burning of a pot of beef	1
Boiling over of a tar kettle	1
Sparks from fire in Boston	1
Drying clothes near stove	1
Explosion of gas	1
Bursting of water pipe	1
Unknown	1

The loss by fire during the year was	\$19,742
Insurance paid	17,779

APPARATUS.

The apparatus in service consists of one steam fire-engine, with hose tender, four horse hose carriages, and one hook and ladder truck. There is also one relief hose carriage, and one relief ladder truck. The condition of the hook and ladder and hose carriages is first class, excepting that of Hose No. 4, which needs painting and a wheel-brake.

The steamer is not reliable for fire service, and, as we have but one, that one should be thoroughly reliable for an effective fire stream. The combustible property situated upon our hills is wholly dependent upon a steamer for proper protection, on account of the light water pressure from hydrants. It is unsafe to longer depend upon the engine now in use. I therefore recommend that a new one be purchased as soon as possible.

FIRE-ALARM TELEGRAPH.

This important branch of our fire service has continued to work well. Three new boxes were put in last year, two by the city, and one at the expense of the Fitchburg Railroad Company. We now have twenty-four miles of wire and thirty-one signal boxes. I recommend that two new boxes be added the present year. It is very important that these boxes be numerous, in order that the person discovering a fire may promptly notify the department. The firemen are expected to be ready to move with their apparatus in twenty seconds from the time of receiving the alarm, yet it is believed that the average time that a fire burns after its discovery, and before an alarm is given, is seven minutes. This is valuable time lost, and the only remedy lies in having more signal boxes.

Below is a list of our fire-alarm boxes, with their numbers and locations.

Box.

12. Somerville Avenue, junction Linwood Street.
112. John P. Squire & Co., Somerville Avenue.
13. McLean Asylum.

Box.

113. Fitchburg Railroad Yard.
14. Cross Street, opposite Tufts.
15. Washington Street, corner Myrtle.
16. Hose House No. 1, Webster Street.
17. Lincoln Street, corner Perkins.
18. Broadway, corner Union Street.
21. Medford Street, corner South.
23. Lincoln & Chamberlain's Pork House.
24. School-House, Webster Avenue.
25. Hose House No. 3, Washington Street, cor. Prospect.
26. Concord Square, corner Springfield Street.
27. Summer Street, junction Bow Street at Police Station.
227. American Tube Works.
28. Somerville Avenue, corner Laurel Street.
29. Washington Street, corner Dane.
31. Steamer House No. 1, Highland Avenue, corner Walnut Street.
32. Bonair Street, opposite Dana.
34. Hose House No. 2, Marshall Street.
35. Broadway, junction Main Street.
38. Cedar, corner Clyde.
4. Broadway, corner Elm Street.
41. Summer Street, corner Cedar.
42. Beacon Street, corner Kent.
45. Summer Street, opposite Spring.
46. Elm Street, opposite Elm House.
47. Hose House No. 4, Highland Avenue, corner Grove Street.
48. Broadway, corner Curtis Street.
49. College Hill (Professors' Row).
55. No School.

HOSE.

The department possesses hose of various kinds, as follows :

Fabric (good), 5,550 feet.

Leather (fair), 1,500 feet.

Leather (useless), 500 feet.

LADDERS AND FIRE EXTINGUISHERS.

I renew my recommendation of last year, that the hose carriage in Ward 4 be altered to carry ladders, or that the truck now there be equipped with ladders. Also that portable fire extinguishers be placed upon the hose carriages.

THE MANUAL FORCE.

This consists of seventy-one men, as follows : —

1 Chief Engineer	1
1 Assistant Engineer	1
1 Steamer Company, 14 men	14
1 Hook and Ladder Company, 15 men	15
4 Hose Companies, 10 men each	40
Total	71

ROSTER OF THE DEPARTMENT.

Chief Engineer, James R. Hopkins, residence, Summit Avenue.

Assistant Engineer, Nathaniel C. Barker, residence, Ellsworth Street.

ENGINE COMPANY No. 1.

Engine built by Hunneman & Co., 1866, weight, 7,035 pounds.
Hose tender built by Dole & Osgood, 1872, weight, 3,140 pounds.
Station, corner of Highland Avenue and Walnut Street.

Name.	Age.	Residence.	Occupation.
Henry A. Byrns	42	Walnut St.	Engineer.
William A. Burbank	39	Engine House.	Fireman.
Wm. H. Bonner	46	Columbus Ave	Driver Engine.
Lindorf D. Bixby	41	Shawmut St.	Driver Tender.
I. C. Jackson, <i>Foreman</i>	33	Linden St.	Carpenter.
Frank Thorpe, <i>Asst. Foreman</i>	37	Walnut St.	Clerk.
Jas T. Cummings, <i>Clerk</i>	39	Columbus Ave.	Journalist.
J. F. Walker.	25	Pleasant Ave.	Carpenter.
T. Cunningham	27	Washington St.	Clerk.
B. F. Johnson.	43	Union Sq.	Janitor.
F. H. Eaton.	27	Prospect St.	Clerk.
Jos. Young.	43	Highland Ave.	Janitor.
B. L. Howard	26	Putnam St.	Paper Hanger.
Jas. A. McLane	29	Clark St.	Bill Poster.

HOOK AND LADDER COMPANY No. 1.

Carriage built by Cook & Rymes, 1874, weight, 5,460 pounds.
Station, corner Washington and Prospect Streets.

Name.	Age.	Residence.	Occupation.
Melvin B. Ricker	39	Washington St.	Driver Truck.
Chas. E. Shaw, <i>Foreman</i>	27	Linden St.	Paper Hanger.
Wm. A. McLane, <i>Asst. Foreman</i>	22	Clark St.	Glass Cutter.
F. B. Hamblin, <i>Clerk</i>	30	Washington St.	Clerk.
E. L. Robinson	37	Webster Ave.	Printer.
E. H. Bright	40	Washington St.	Driver.
J. E. Hill	36	Columbus Ave.	Salesman.
G. A. Page	28	Webster Ave.	Teamster.
E. W. Stinehart	27	Newton St.	Flagman.
B. F. Ellis	27	Cross St.	Grocer.
H. E. Thompson	23	Clark St.	Bill Poster.
P. K. Wood	38	Newton St.	Brakeman.
G. F. Harris	24	Summer St.	Furniture Mover.
W. H. Whitcomb	23	Highland Ave.	Lamplighter.
O. J. Lingley	22	School St.	Grocer.

HOSE COMPANY No. 1.

Carriage built by Dole & Osgood, 1873 ; weight, 3,375 pounds.
Station, Webster Street.

Name.	Age.	Residence.	Occupation.
T. H. Daley, <i>Clerk</i>	37	Webster St.	Driver.
E. F. Shaw, <i>Foreman</i>	30	Cross St.	Milkman.
F. N. Lewis, <i>Asst. Foreman</i>	32	Webster St.	Letter Carrier.
D. W. Taylor	30	Everett Avenue	Clerk.
J. W. Inwood	30	Bonair St.	Fireman.
F. D. Chase	43	Ellsworth Street	Pattern Maker.
C. P. Horton	26	Everett Avenue	Well Borer.
W. W. Parsons	47	Washington St.	Painter.
C. F. Kyes	28	Cross St.	Teamster.
W. F. Mills	31	Lincoln St.	Barber.

HOSE COMPANY NO. 2.

Carriage built by Louer & Rice, 1873 ; weight, 3,265 pounds.
Station, Marshall Street.

Name.	Age.	Residence.	Occupation.
E. W. Ring, <i>Clerk</i>	35	Marshall St.	Driver.
Frank W. Ring, <i>Foreman</i>	32	Marshall St.	Teamster.
Daniel Spike, <i>Asst. Foreman</i>	38	Broadway	Cooper.
E. E. Winslow	51	Fremont St.	Watchman.
J. H. Hollis.....	48	Bond St.	Painter.
L. Curville.....	48	Bond St.	Packer.
J. M. Gould.....	38	Otis St.	Printer.
S. B. Manning.....	30	Marshall St.	Jeweller.
E. T. Mayhew.....	33	Broadway	Shoemaker.
Chas. Timson	22	Marshall St.	Teaming.

HOSE COMPANY NO. 3.

Carriage built by Hunneman & Co., 1871 ; weight, 2,930 pounds.
Station, corner Washington and Prospect Street.

Name.	Age.	Residence.	Occupation.
Chas. Trull, <i>Clerk</i>	53	Columbus Ave.....	Driver.
C. H. Bridges, <i>Foreman</i>	35	Fountain Ave.	Machinist.
W. J. Blaisdell, <i>Asst. Foreman</i> ..	35	Quincy St.	Painter.
E. H. Buxton	33	Somerville Ave....	Painter.
F. L. Draper.....	30	Munroe St.	Machinist.
E. J. Brown.....	46	Somerville Ave....	Laborer.
G. W. Coombs.....	29	Somerville Ave....	Blacksmith.
L. B. Hopkins.....	34	Summer St.....	Brittania.
H. H. Miller	26	Newton St.	Painter.
G. W. Bean, Jr.	21	Everett St.	Jeweller.

HOSE COMPANY NO. 4.

Carriage built by Hunneman & Co , 1874 ; weight, 3,280 pounds.
Station, corner Highland Avenue and Grove Street.

Name.	Age.	Residence.	Occupation.
Samuel H. Stevens	41	Highland Ave.	Driver.
B. W. Lawrence, <i>Foreman</i>	36	Holland St.	Fruit Dealer.
G. L. Borrowscale, <i>Asst. Foreman</i>	24	Cutter Ave.	Janitor.
D. S. Steele, <i>Clerk</i>	32	Highland Ave.	Carpenter.
D. W. Tucker	33	Wallace St.	Shipper.
A. F. Mentzer	31	Hall St.	Butcher.
C. S. Thrasher	22	Chester St.	Milkman.
F. T. Smith	27	Clarendon Ave.	Paper Hanger.
E. F. Trefren	24	Morrison St.	Carpenter.
F Du B. Hill	35	Partridge Ave.	Leather Dresser.

Respectfully submitted,

JAMES R. HOPKINS,

Chief of Fire Department.

REPORT
OF THE
COMMITTEE ON PUBLIC PROPERTY.

CITY OF SOMERVILLE.

IN BOARD OF MAYOR AND ALDERMEN, Dec. 30, 1882.

Report accepted. Referred to the Committee on Printing, with instruction to print the same in the Annual Reports. Sent down for concurrence.

CHARLES E. GILMAN, *Clerk.*

IN COMMON COUNCIL, Dec. 30, 1882.

Concurred in.

DOUGLAS FRAZAR, *Clerk.*

CITY OF SOMERVILLE.

IN COMMITTEE ON PUBLIC PROPERTY, Dec. 30, 1882.

To the City Council of Somerville:—

THE Committee on Public Property submits as its final report the following statement of appropriations and expenditures for the year 1882:—

POLICE STATION INCIDENTALS ACCOUNT.

APPROPRIATION,	\$2,000 00	
RECEIPTS:—		
For the letting of halls,	625 00	
Total credit,		\$2,625 00
EXPENDITURES:—		
For janitor's salary,	\$750 00	
Gas,	224 84	
Oil for carburetter,	185 00	
Fuel,	368 15	
Insurance,	20 00	
Janitor's substitute (in vacation),	12 00	
Incidental expenses,	58 17	
Repairs and furniture,	645 39	
Total debit,		2,263 55
Balance unexpended,		\$361 45

PUBLIC PARK MAINTENANCE ACCOUNT.

APPROPRIATION,	\$1,500 00	
RECEIPTS:—		
For grass sold,	\$12 00	
Damage to shrub,	1 25	
		13 25
Total credit,		1,513 25
Amount carried forward,		\$1,513 25

Amount brought forward,

\$1,513 25

EXPENDITURES : —

For pay of foreman,	\$720 00	
Lighting and care of lamps,	77 50	
Additional labor,	364 11	
Filling,	120 66	
Manure, fertilizer, and seed,	47 65	
Trees, plants, and sods,	94 50	
Fuel,	10 70	
Signs,	9 55	
Partition and floor in tool-house,	19 82	
Oil in lamps, repairs, implements, etc.,	49 67	
Total debit,	<hr/>	1,514 16
Excess of expenditures,		<hr/> <hr/> \$0 91

SCHOOL-HOUSE INCIDENTALS ACCOUNT.

APPROPRIATION, \$6,500 00

RECEIPTS : —

For the letting of halls,	479 00	
Articles sold,	5 00	
	<hr/>	484 00
Total credit,	<hr/>	\$6,984 00

EXPENDITURES : —

For insurance,	\$1,084 75	
Gas (in High School hall),	132 80	
Rent (Tufts Street school),	150 00	
Sidewalk assessment (Bell school),	62 54	
Emptying vaults,	87 50	
Improvements,	1,285 46	
Repairs and furniture,	4,785 70	
Carriage hire for annual inspection,	6 00	
Total debit,	<hr/>	7,594 75
Excess of expenditures,		<hr/> <hr/> \$610 75

The expenditures on the different school-houses have been as follows : —

BEACH STREET.

Insurance,	\$31 25	
Emptying vaults,	14 00	
Repairs and furniture,	161 01	
	<hr/>	\$206 26

L. V. BELL.

Insurance,	\$192 75	
Paving a portion of yard,	176 30	
New partition,	118 93	
Sidewalk assessment,	62 54	
Repairs and furniture,	301 28	
	<hr/>	851 80

BENNETT.

Insurance,	\$81 75	
Emptying vaults,	28 00	
Repairs and furniture,	226 42	
	<hr/>	336 17

BRASTOW.

Insurance,	\$18 75	
Repairs and furniture,	77 67	
	<hr/>	96 42

CEDAR STREET.

Repairs and furniture,		112 83
------------------------	--	--------

EDGERLY.

Insurance,	\$153 50	
New room for janitor,	174 22	
Repairs and furniture,	511 03	
	<hr/>	838 75

FORSTER.

Insurance,	\$47 00	
Laying brick walk and grading,	217 65	
Repairs and furniture,	496 37	
	<hr/>	761 02

Amount carried forward,

\$3,203 25

Amount brought forward,

\$3,203 25

FRANKLIN.

Insurance,	\$25 00	
Repairs and furniture	245 91	
	<hr/>	270 91

HARVARD.

Emptying vault,	\$7 00	
Repairs,	45 12	
	<hr/>	52 12

HIGH.

Gas,	\$132 80	
Insurance,	188 75	
New room for janitor,	123 15	
Repairs and furniture,	530 08	
	<hr/>	974 78

HIGHLAND.

New fences,	\$360 00	
Grading and driveways,	115 21	
Repairs and furniture,	152 06	
	<hr/>	627 27

JACKSON.

Emptying vaults,	\$28 00	
Repairs and furniture,	207 52	
	<hr/>	235 52

LINCOLN.

Insurance,	\$43 75	
Repairs and furniture,	229 42	
	<hr/>	273 17

MORSE.

Insurance,	\$127 50	
Repairs and furniture,	414 68	
	<hr/>	542 18

Amount ca ried forward,

\$6,179 20

REPORT OF THE COMMITTEE ON PUBLIC PROPERTY. 271

Amount brought forward, \$6,179 20

PRESCOTT.

Insurance,	\$75 00	
Repairs and furniture,	745 85	
	<hr/>	
	820 85	
Less second-hand furniture repaired and sent to Edgerly School-house addition,	272 00	
	<hr/>	548 85

PROSPECT HILL.

Insurance,	\$58 75	
Repairs,	323 27	
	<hr/>	382 02

SPRING HILL.

Insurance,	\$20 00	
Repairs and furniture,	31 58	
	<hr/>	51 58

TUFTS STREET.

Rent,	\$150 00	
Repairs,	142 28	
	<hr/>	292 28

UNION.

Emptying vault,	\$3 50	
Repairs,	41 67	
	<hr/>	45 17

WEBSTER.

Insurance,	\$21 00	
Emptying vaults,	7 00	
Repairs,	61 65	
	<hr/>	89 65

\$7,588 75

Carriage hire, 6 00

Total, as above,

\$7,594 75

EDGERLY SCHOOL-HOUSE ADDITION ACCOUNT.

APPROPRIATION,		\$17,000 00
EXPENDITURES : —		
To R. A. Hines & Son (masons),		
Contract price,	\$7,163 00	
Extra work,	336 00	
	<hr/>	\$7,499 00
To Mead, Mason & Co. (carpenters),		
on account of contract,	5,750 00	
S. D. Kelley, architect, on account,	500 00	
Furniture,	579 85	
Mason work, D. Brooks,	230 57	
Carpenter work, R. A. Melvin & Co.,	333 49	
2 No. 20 Peerless furnaces, with		
piping, etc.,	406 00	
Blackboards,	77 93	
Soapstone sinks,	63 00	
1 vane,	35 00	
3 clocks,	21 00	
Teaming furniture,	5 00	
Cleaning windows,	6 00	
Advertising proposals,	13 50	
Total,	<hr/>	15,520 34
Balance unexpended,		<hr/> <hr/> \$1,479 66

MISCELLANEOUS ACCOUNT.

EXPENDITURES : —		
For City Hall expenses : —		
Gas,	\$352 57	
Fuel,	188 75	
Repairs, alterations, and furniture,	426 64	
Shelves in Public Library,	128 98	
Insurance,	89 99	
Water,	50 00	
Ice,	50 00	
Incidental expenses,	132 26	
	<hr/>	\$1,419 19
<i>Amount carried forward</i>		<hr/> \$1,419 19

<i>Amount brought forward,</i>		\$1,419 19
Also for raising, lowering, and repairing		
flagstaffs and repairing flags,	\$64 01	
Ringing bells,	24 00	
Rent and janitors' work, for cau-		
cuses and elections,	36 00	
Work at Somerville Ave. Cemetery,	12 00	
Crape badges,	3 00	
Sewer assessment on Joy Street lot,	20 72	
Path across Central Hill land,	82 08	
		<hr/> 241 81
Total,		<hr/> <u>\$1,661 00</u>

There is yet a small amount of work to be done on the Edgerly School-house addition by the contractors for the carpenter's part, and therefore about one quarter of the contract price is retained by the city, in accordance with the contract, until after the work shall have been fully completed.

The contract price was,	\$7,648 00
Amount paid, as stated above,	5,750 00
Amount retained by the city,	<hr/> \$1,898 00

There also remains a small balance to be paid to the architect, and with these exceptions all the bills presented for this improvement have been paid.

For the committee,

E. C. CLARK, *Chairman.*

GEO. I. VINCENT, *Clerk.*

REPORT

OF THE

COMMITTEE ON FUEL AND STREET LIGHTS.

CITY OF SOMERVILLE.

IN BOARD OF MAYOR AND ALDERMEN, Dec. 30, 1882.

Report accepted. Referred to the Committee on Printing, with instructions to print the same in the Annual Reports, and sent down for concurrence.

CHARLES E. GILMAN, *Clerk.*

IN COMMON COUNCIL, Dec. 30, 1882.

Concurred in.

DOUGLAS FRAZAR, *Clerk.*

CITY OF SOMERVILLE.

IN COMMITTEE ON FUEL AND STREET LIGHTS, Dec. 30, 1882.

To the City Council of Somerville:—

THE Committee on Fuel and Street Lights submits the following final report.

The appropriations managed by this committee and the expenditures therefrom have been as follows:—

SCHOOL FUEL ACCOUNT.

APPROPRIATION,		\$3,500 00
EXPENDITURES:—		
For fuel to Beach Street School,	\$131 70	
Bell	“ 384 81	
Bennett	“ 173 07	
Brastow	“ 0 00	
Cedar Street	“ 31 72	
Edgerly	“ 398 65	
Forster	“ 545 56	
Franklin	“ 184 69	
Harvard	“ 5 50	
High	“ 377 51	
Highland	“ 397 56	
Jackson	“ 186 90	
Lincoln	“ 212 49	
Morse	“ 289 80	
Prescott	“ 501 72	
Prospect Hill	“ 195 58	
Spring Hill	“ 0 00	
Tufts Street	“ 61 34	
<i>Amounts carried forward,</i>	\$4,078 60	\$3,500 00

<i>Amounts brought forward,</i>	\$4,078 60	\$3,500 00
For fuel to Union School,	18 67	
Webster “	196 14	
	<hr/>	4,293 41
For advertising for proposals,	24 70	
	<hr/>	4,318 11
Total expenditures,		<hr/>
Excess of expenditures,		<hr/> <hr/>

STREET LIGHTS ACCOUNT.

APPROPRIATION,	\$7,000 00	
RECEIPTS : —		
For lamps erected,	398 00	
Damage to lamps,	22 85	
For moving lamp,	10 13	
	<hr/>	
Total credit,		\$7,430 98
EXPENDITURES : —		
For gas, to Cambridge Gas Light		
Co.,	\$1,926 96	
Charlestown Gas Co.,	1,640 42	
	<hr/>	\$3,567 38
For lighting and cleaning lamps : —		
To Hugh Blackwell, Supt.,	2,046 35	
Globe Gas Light Co.,	1,074 27	
For posts, lanterns, and signs		
and setting and repairing same,	836 15	
Supplies,	48 60	
Advertising,	4 80	
	<hr/>	
Total,		7,577 55
Excess of expenditures,		<hr/> <hr/>

Of the \$4,293.41 expended for school fuel, the sum of \$901.46 was paid to Horatio Wellington & Co., under a contract for the year ending July 1, 1882, and the sum of \$3,391.95 was paid to

Walter M. Hadley under a contract for the year ending July 1, 1883. The prices paid Messrs. Wellington & Co. were \$5.34 per ton for egg coal, \$5.65 per ton for stove coal, \$7.50 per cord for hard wood, and \$6.50 per cord for soft wood; and the prices paid Mr. Hadley were \$5.35 per ton for furnace and stove coal, \$1.00 per cord for hard wood, and \$6.25 per cord for soft wood. A larger amount of fuel was consumed last spring than usual, on account of the cold weather which prevailed and extended into the month of June.

The following table shows the number of street lamps in the city, Jan. 1, and the number erected during the year: —

	GAS LAMPS.		Globe Company Naphtha Lamps.	Total.
	Charlestown Gas.	Cambridge Gas.		
Lamps in city, Jan. 1, 1882	153	176	46	375
Lamps furnished and erected by city	6	8	7	21
Lamps furnished by citizens and erected by city.	....	1	1	2
Lamps furnished and erected by citizens.....	....	....	1	1
Total increase during the year.....	6	9	9	24
Present number of lamps	159	185	55	399

For every lamp furnished and erected by the city, except the one just placed on the fountain in Union Square, the city treasurer has first received from the petitioners the sum of twenty dollars. A gas lamp, however, costs considerably more than this sum, and we think the price should be increased next year.

In the year 1881 and up to March 1 of the present year the prices paid for gas in street lamps were \$2.35 per thousand feet to the Charlestown Company, and \$2.37 per thousand to the Cambridge Company. Since that date the prices paid have been \$2.25 per thousand to each company, a reduction having been obtained by this committee.

The price paid to the Globe Gas Light Company for lighting and cleaning their naphtha lamps is \$1.75 per lamp per month, the same as last year, the lamps being owned by the city.

The price paid the superintendent for lighting and cleaning the gas lamps and the general supervision of all the lamps was sixty-five cents for each gas lamp per month in the year 1881 and the month of January in this year, and for the last eleven months the price has been fifty cents per gas lamp per month.

The system of lighting has been, as for several years past, to light until twelve o'clock on nights when there is no moon or when it is cloudy, and not to light when the moon is shining.

The estimates sent by this committee to the Committee on Finance in the month of February of the appropriations that would be necessary for school fuel account and street lights account for the current year were \$4,500 and \$8,000 respectively; but the amounts appropriated by the City Council were \$3,500 and \$7,000, which, as appears by the above statement, have proved insufficient, although every effort has been made by the committee to keep the expenditures within the appropriations.

For the committee,

C. A. PAGE, *Chairman.*

GEO. I. VINCENT, *Clerk.*

REPORT
OF THE
COMMITTEE ON WATER,
WITH
WATER CONTRACT.

CITY OF SOMERVILLE.

IN BOARD OF ALDERMEN, Dec. 26, 1882.

Accepted and sent down for concurrence.

CHARLES E. GILMAN, *Clerk.*

IN COMMON COUNCIL, Dec. 30, 1882.

Concurred in.

DOUGLAS FRAZAR, *Clerk.*

CITY OF SOMERVILLE.

IN COMMITTEE ON WATER, Dec. 22, 1882.

To the City Council of Somerville: —

THE Committee on Water, which was instructed by an order dated Jan. 31, 1882, to take into consideration the subject of a revision of the present water contract with the city of Boston, and to report to the City Council as soon as practicable, reports that the committee, deeming it essential to secure the co-operation of the city of Chelsea and the town of Everett in any effort which might be made to obtain a revision or modification of the contract (our contract and theirs being similar), arranged for a joint meeting of the Committee on Water of the City Council of Chelsea with their city solicitor, the Water Board of Everett, and this committee, early in the year; the invitation to the Chelsea committee being extended personally by the chairman of this committee, who also invited the Water Board of Chelsea to join in the meeting. At the time appointed the Water Board of Everett and this committee met, but the city of Chelsea was not represented, nor was any message received from either of her officers who had been invited to attend. At this meeting it was voted to endeavor to obtain from the city of Boston a modification of the contracts of the city of Chelsea, the city of Somerville, and the town of Everett with the city of Boston (the modified contracts to provide for larger rebates than are now received), provided the same could be done without losing any rights now held under the present contracts. It was also voted to forward to the Committee on Water of the city of Chelsea a copy of this vote, and to invite them to meet the Everett Water Board and this committee and the Mayor and solicitor of Somerville, at such time and place as they might appoint, and to suggest that they in-

vite the Mayor, solicitor, and Water Board of Chelsea to be present, if they should deem it best so to do. The communication having been forwarded as directed, and more than a month having elapsed without any reply being received, another meeting of the Everett Water Board and this committee was held, at which it was voted to solicit an interview with the Boston Water Board for the purpose of considering the subject of a revision of the water contracts of the town of Everett and the city of Somerville with the city of Boston. A prompt reply was received from the Boston Water Board naming an early day for the desired interview, at which time we were courteously received by them, and our case was presented by members of the Everett board and of this committee, and the Boston board promised to consider and take such action in the matter as they might deem just and proper. We have since been informed by them, however, that, from the nature of the case, they cannot consent to any modification of the contracts with Somerville and Everett unless the contract with Chelsea be similarly modified. They suggested that if a like effort is to be made another year; the matter be placed in the hands of a committee early in the year, so that if any agreement is reached it may be done before the annual appropriations are made by the Boston City Council.

We have reason to believe that if Chelsea had joined us our efforts would have been successful, and we are also of the opinion that it would be well to act on the suggestion of the Boston Water Board and make a renewed effort for a modification of the contract early in the coming year.

By order of the committee,

J. L. NORCROSS, *Chairman.*

GEO. I. VINCENT, *Clerk.*

CONTRACT WITH THE CITY OF CHARLESTOWN UNDER
WHICH SOMERVILLE IS SUPPLIED WITH WATER.

THIS agreement, made this twenty-first day of September, eighteen hundred and sixty-eight, between the city of Charlestown, in the county of Middlesex, by the Mystic Water Board, duly authorized, of the first part, and the town of Somerville, in said county of Middlesex, by the Mystic Water Committee of Somerville, duly authorized of the second part, witnesseth:—

That the said party of first part, in consideration of the water rents hereinafter to be paid, hereby agrees to and with the said party of the second part, that the said party of the first part will furnish the said party of the second part all the water needed by the town of Somerville and its inhabitants during the continuance of this agreement, as hereinafter provided, and that the supply of the same throughout the town shall not be restricted unless the source should prove inadequate to exceed the requirements of the cities of Charlestown and Chelsea.

And the said party of the first part further agrees to collect all the water rents, which may accrue for the use of the water under this agreement, in said town of Somerville, free from any expense to the party of the second part, and to provide for the necessary superintendence and ordinary care of the pipes laid for distribution and service in said town, and of the hydrants, stop-gates, and meters therein; provided that the sum to be expended by said party of the first part for repairs upon said pipes, hydrants, stop-gates, and meters shall not exceed the sum of one hundred dollars in any one year, and that all repairs thereof in excess of said amount shall be paid by the party of the second part, and it is hereby agreed by the party of the second part that for a period of three years from the letting on the water, the distribution and the service pipes, and the connections therewith, shall be guaranteed free from any expense for repairs.

And the said party of the first part further agrees to pay to the said party of the second part the following percentage of water rates collected in the town of Somerville, in such portions thereof

as the pipes and structures are or may be laid by said town in conformity with this agreement or that may hereafter be assumed, viz. : on the annual receipts for water rates up to the amount of \$20,000, fifteen per cent ; on the annual amount in excess of \$20,000 and up to \$30,000, twenty per cent ; from \$30,000 to \$40,000, twenty-five per cent ; from \$40,000 to \$50,000, thirty per cent ; and on the amount in excess of \$50,000, forty per cent, payable quarterly in the months of February, May, August, and November of each year.

And the said party of the second part further agrees to lay and maintain all the pipes, stop-gates, meters, hydrants (except those now required by law to be furnished by the city of Charlestown), additional to those already laid, and everything connected with the distribution and use of the water within the limits of the town of Somerville, free from any expense to the city of Charlestown.

And the said city of the second part further agrees to and with the said party of the first part, that for all the Mystic Lake water furnished and used by the people of the said town of Somerville or by any person in said town, there shall be paid to said party of the first part water rents at the same rates and prices as now or may be charged during the time of this agreement by the said party of the first part to the inhabitants of the city of Charlestown under the same rules and regulations that are or may be established for like use of water in that city, but the party of the second part is not to be responsible in any case for the payment of said water rates, except for water furnished for public use to the town.

And the said party of the second part further agrees to pass and enact the like rules and regulations as to the mode of using water as are now or may hereafter be in force in the city of Charlestown, with like penalties for their violation, provided such rules and regulations do not conflict with the laws of the Commonwealth.

And it is further agreed that the party of the second part may hereafter raise the water rates in the town of Somerville above those charged by the said city of Charlestown if it shall be lawful for said party of the second part so to do, and in case the water rates in said town of Somerville shall be so raised, the party of the first part shall, for the collection of the said rates, be entitled to

five per cent of the excess thereof over the rates established in said city of Charlestown.

And it is further agreed that the town of Somerville shall be privileged to locate as many fire hydrants throughout the town as it may elect, to be used for fire purposes only, upon the annual payment to the city of Charlestown of the sum of twenty-eight dollars for each three hundred and fifty inhabitants, the payments for 1869 and 1870 to be based upon the population of 1865, and on and after 1871, each year, for every five years upon the preceding semi-decennial census. In computing the amount, the fraction shall not be taken into account, unless it exceeds one half, when the full price will be charged, and it is further understood and agreed that the water supplied for public fountains shall be charged at cost.

It is also understood and agreed that when the city of Charlestown shall have erected and completed, at its own cost, the full number of fire hydrants required by the legislative enactment, whether the same shall be on the line of the aqueduct or not, its obligation shall be deemed to have been fulfilled as completely as if placed upon said line.

It is also agreed that if at any time within two years from the date of this contract the town of Somerville shall desire to purchase the distribution pipes and structures now laid in Somerville at the expense of the city of Charlestown, for the supply of that town, the city of Charlestown will sell them for the sum of \$13,000, and the town of Somerville will then be entitled to the percentage of water rates, and the terms and conditions herein agreed will be applicable to the pipes and structures thus purchased.

And it is further understood and agreed that if any arrangement shall hereafter be made for a supply of water to any other town or city, upon terms deemed more favorable to them, the town of Somerville shall be entitled to be placed upon an equal footing.

And the said party of the second part further agrees to furnish and deliver to the party of the first part a copy of a map of the town of Somerville, showing the streets on which the pipes are laid and the location of all the pipes, hydrants, and stop-gates, and from time to time make additions thereto as new pipes are laid.

And it is further agreed by and between the parties to these presents that this agreement shall continue in force until the debt of Charlestown, which has accrued or may accrue for the construction of the Water Works, shall be extinguished, and until other and different rates are established, as hereinafter provided, and it is further agreed that if, at the expiration of this contract, the parties shall be unable to agree upon terms for a continuance of a supply of water, the matter shall be referred to a commission of three disinterested persons, to be mutually agreed upon, and if unable so to agree, then by appointment of the Supreme Judicial Court.

And it is further agreed that if either of said parties shall omit or refuse to perform this contract in all things on their part, then the matter shall be referred to a commission, as before named, by whom an adjustment shall be made and a compensation determined for such violation of this agreement.

In witness whereof the parties to these presents have hereunto set their hands and seals on the day and year first above written.

In presence of

WILLIAM W. PEIRCE.

Mystic
Water
Board.

{ EDWARD LAWRENCE,
JAMES DANA,
EVERETT TORREY,
ABEL E. BRIDGE,
THOMAS R. B. EDMANDS.

Somerville
Water
Committee.

{ AARON SARGENT,
C. RYMES,
R. A. VINAL,
R. E. DEMMON,
CUTLER DOWNER.

HENRY E. WARNER.

REPORT
OF THE
CITY SOLICITOR.

CITY OF SOMERVILLE.

IN BOARD OF ALDERMEN, Jan. 9, 1883.

The report of the City Solicitor was referred to the Committee on Printing, with instructions to print a synopsis of the same in the Annual Reports for the year 1882, and sent down for concurrence.

CHARLES E. GILMAN, *Clerk*.

IN COMMON COUNCIL, Jan. 9, 1883.

Concurred in.

DOUGLAS FRAZAR, *Clerk*.

CITY OF SOMERVILLE.

SYNOPSIS OF THE ANNUAL REPORT OF SAMUEL C. DARLING, ESQ., CITY SOLICITOR.

IN his report, the full text of which can be consulted, if need be, at the city clerk's office, the City Solicitor gives the following information : —

He refers to a system of marginal references to the Public Statutes of the Commonwealth, appearing in the new edition of the Municipal Register, which he has prepared and hopes may be of future service.

He states that he has also during the year, at the request of the Committee on Printing, prepared an Index (with cross-references) to the Municipal Register.

He speaks of various engagements during the session of the General Court, before the committees on steam railroads, street railroads, cities, the judiciary, and public health as follows : —

Before the Committee on Steam Railroads, in opposition to the application of the Boston and Maine Railroad Company for leave to enter Boston at an elevated grade, and which application resulted in no legislation. Before the Committee on Street Railroads, in the matter of the petition of the Charles River Street Railway Company for a confirmation of its charter and locations, a hearing which occupied fifteen days, and resulted in the ratification of the charter and the substantial approval of the locations granted to the road by the aldermen of Somerville and Cambridge ;

Before the Committee on Cities, in the matter of the application of the city of Cambridge to annex about twenty-two acres of Somerville territory, paying Somerville an annual tax of \$1,000, which application was defeated ;

Before the Committee on the Judiciary, upon the petition for the abolition of the police court of Somerville, which was likewise defeated ;

Before the Committee on Public Health, upon the petition of the city of Boston for a dam at the outlet of the lower Mystic Pond and in the Mystic River between said pond and Craddock Bridge ; and before the same committee in the matter of a system of metropolitan drainage, neither of which measures resulted in any definite legislation.

He recommends the creation of a committee on legislative matters, to guard the public interests of Somerville in the General Court.

He says that the four cases of *Reed et al. v. City of Somerville*, relating to an improvident issue of executions for costs against the city, will be heard at the December term of the Superior Court at Cambridge ; that the case of *Dalrymple* against the city was abandoned by the plaintiff, Jan. 28, 1882. He reports negotiations, which he understands are nearly consummated, for the erection of iron bridges across the Boston and Lowell Railroad tracks at Cross and Walnut Streets ; that the petitioners for a grade crossing of the Fitchburg Railroad at Sacramento Street have made no forward movement in the matter during the year ; that the gates across Somerville Avenue, Linwood and Fitchburg Streets are no longer operated when trains pass over the Grand Junction Railroad, and that he shall call the attention of the county commissioners to the fact, unless the Boston and Albany Railroad make a prompt and satisfactory arrangement with reference to the same ; that the cases of *Parker*, trustee, in the Supreme Court and before the commissioners of Middlesex County, are in the same condition as last year ; that the action of *Sanborn* against the city for grade damages on Washington Street was tried April 3 and 4, 1882, and resulted in a verdict in favor of the city ; that *Squire v. Somerville* has been referred to an auditor, and may be liable to dismissal for want of prosecution, at the next calling of the general docket ; that *Sullivan v. Somerville*, in the Supreme Court at Salem, could not be tried at the last April term on account of the sickness of Sullivan's lawyer, or at the November term on account of the dis-

ability of the court itself, which prevented any jury trials at that term; that there seems to be no reason why the accident case of Cunningham *v.* Somerville should not be dismissed for want of prosecution.

He further reports that the total number of cases on his docket, new and old, is twenty-five. Of these twelve are new cases, as follows: Brennan *v.* Somerville, to charge the city as trustee of William Sullivan; Hitchings for jury, etc., *v.* Somerville; Richardson *v.* Same; McCormic *v.* Same; Cushman *v.* Same; High *v.* Same; Brooks *v.* Same; Brackett *v.* Same; Frye *v.* Same; Fuller *v.* Same, and Fuller *et al.* *v.* Same, the ten last named relating to betterment assessments on Columbus Avenue, and being held in abeyance to await a petition for *certiorari*, which the petitioners counsel have informed the City Solicitor they shall bring to test the legality of the assessments; Whitcher *v.* Somerville, an action of tort for damages on Washington Street, near the Milk Row station.

He further states that the city has been notified of the intention of Mrs. Steppe to bring suit for personal injuries received from falling into a sewer trench in Shawmut Place, and that the city physician, at his request, has examined into the nature and extent of her injuries. He also says that during the year he has investigated, at the request of the Committee on Claims, the claims of Samuel Knight for reimbursement of money paid for tax title, 1875; of John Lorden, for injuries by caving in of a sewer embankment on Allen Street; and of W. J. Savage, for injuries to horse on Beacon Street,—and made such recommendations as were in his judgment suitable.

In closing his report he speaks of the efforts made by the Mayor and himself in behalf of the Charles River Street Railway, under the authority of the City Council, before the committee of the Legislature, the Boston Board of Aldermen and the Railroad Commissioners, and extends his thanks to the members of the City Council and the citizens of Somerville for their hearty and successful co-operation in the matter.

THOS. R. ROULSTONE.

Chairman of the Committee on Printing.

REPORT
OF
THE CITY CLERK.

CITY OF SOMERVILLE.

REPORT OF THE CITY CLERK.

ANNUAL report of the receipts of his office for the year ending Dec. 31, 1882; also the registration of marriages, births, and deaths for the period ending Dec. 31, 1882.

RECEIPTS ENDING DEC. 31, 1882.

266 marriage certificates issued in 1882,	\$133 00
43 junk licenses,	86 00
8 auctioneers' licenses,	16 00
2 common victuallers' licenses,	4 00
574 fees for licensing 574 dogs,	114 80
Recording mortgages and assignments.	210 67
	<hr/>
	\$564 47

All of which has been paid to the city treasurer, and his receipt taken for the same.

MARRIAGES.

Number of intentions issued in 1882,	266
More than last year,	43
Marriages registered in 1882,	272

NATIONALITY OF THOSE REGISTERED.

Both parties American,	153
Both parties foreign,	62
American groom and foreign bride,	33
Foreign groom and American bride,	22
Unknown,	2
	<hr/>
	272 couples.

First marriage of	476 persons.	
Second “	60 “	
Third “	4 “	
Fourth “	1 “	
Unknown	3 “	
	<hr/>	
	544	= 272 couples.
	<hr/>	
Oldest person married,	63	
Youngest “ “	17	

BIRTHS.

Number of births registered in 1882,		761
More than last year,		117
Males,	387	
Females,	374	
Born of American,		348
“ foreign,		261
“ American male and foreign female,		60
“ foreign male and American female,		82
Unknown,		10
Number of cases of twins,	3	

DEATHS.

Number of deaths in Somerville in 1882,		472
More than last year,		13
Number of males,	238	
Number of females,	234	
Under 10 years of age,		212
Between 10 and 20,		26
“ 20 “ 30,		44
“ 30 “ 40,		44
“ 40 “ 50,		32
“ 50 “ 60,		24
“ 60 “ 70,		39
“ 70 “ 80,		29
“ 80 “ 90,		20
“ 90 “ 100,		2

472

Oldest person deceased, 94 years and 7 months.

NATIONALITY.

Born in Somerville,	164	
Born in other places in the United States,	213	
Foreign birth,	94	
Unknown,	1	
	<hr/>	472

Number of deaths returned by the undertakers was 472, and occurred as follows: —

January,	49	July,	46	
February,	47	August,	47	
March,	37	September,	0	
April,	41	October,	21	
May,	39	November,	37	
June,	29	December,	49	
			<hr/>	472

For classification of diseases, see Report of Board of Health.

CHARLES E. GILMAN,
City Clerk.

REPORT
OF THE
INSPECTOR OF BUILDINGS.

CITY OF SOMERVILLE.

IN BOARD OF ALDERMEN, Dec 26, 1882.

Read and sent down for information.

CHARLES E. GILMAN, *Clerk.*

IN COMMON COUNCIL, Dec. 30, 1882.

Received and read for information.

DOUGLAS FRAZAR, *Clerk.*

CITY OF SOMERVILLE.

REPORT OF THE INSPECTOR OF BUILDINGS.

SOMERVILLE, Dec. 26, 1882.

To his Honor the Mayor and the Board of Aldermen:—

GENTLEMEN, — Your Inspector has attended to his duties and would respectfully report that —

Building has been quite active the past year. There have been erected in the city a larger number of houses than any year since 1875, numbering eighty-three, sixty of which have been completed, and twenty-three nearly completed; also five stables, one car house, two manufactories, and a large number of additions, — adding, at an estimated value, over \$200,000 to the taxable property of the city.

The new buildings are located in the several wards as follows:—

	Houses Completed.	Nearly Completed.	No. of Stables.	Manufac- tories.
Ward 1	7	5		
Ward 2	30	6	4	
Ward 3	15	11	2	1
Ward 4	8	1		1

Total number of buildings, exclusive of additions, 91.

There are also quite a number of cellars being built, on which houses will be erected in the early spring. As there has been quite an uneasy feeling in the community in regard to the safety of life in case of fire in any of the public halls in the city, your Inspector has visited them and has requested the owners to provide suitable

fire escapes to be placed on the buildings, that the public may feel more secure while occupying the several halls. As the law in relation to fire escapes is indefinite in regard to manner of construction, your Inspector would suggest that the Representatives from this city be requested to use their influence to have some definite kind of structure specified, so that there can be no doubt on that subject.

All of which is respectfully submitted,

DAVID A. SANBORN,

Inspector of Buildings.

CITY GOVERNMENT FOR 1883.

MAYOR.

JOHN A. CUMMINGS.

Residence, 16 Wallace Street ; office, City Hall.

ALDERMEN.

WILLIAM E. WELD, *President*.

WARD ONE.

MARK F. BURNS	Perkins Street.
LEVI F. S. DAVIS	Pearl Street.

WARD TWO.

J. FRANK WELLINGTON	Pleasant Avenue.
QUINCY A. VINAL	Aldersey Street.

WARD THREE.

THOMAS R. ROULSTONE	Bonair Street.
ALBION A. PERRY	Maple Avenue.

WARD FOUR.

ASA DURGIN	Broadway.
WILLIAM E. WELD	Harvard Street.

COMMON COUNCIL.

FRANK E. FITTS, *President*.

WARD ONE.

HIRAM G. JANVRIN	Pinckney Street.
MOSES G. STEELE	Rush Street.
CHARLES E. GILES	Webster Street.
NATHAN A. FITCH	Franklin Street.

WARD TWO.

FRANK E. FITTS	Pleasant Avenue.
FREDERICK M. STODDER	Grandview Avenue.
SAMUEL G. A. TWYECROSS	Warren Avenue.
DANA W. BENNETT	Prospect Street.

WARD THREE.

HENRY M. BEALS	Walnut Street.
HIRAM D. SMITH	Cross Street.
PHILIP O. WOODBERRY	Adams Street.
JOSIAH B. MAYHEW	Earle Street.

WARD FOUR.

J. LORENZO ATTWOOD	Elm Street.
IRVING L. RUSSELL	Broadway.
RICHARD T. BLACKWELL	Kent Court.
SAMUEL T. RICHARDS	Summer Street.

CLERK OF COMMON COUNCIL.

DOUGLAS FRAZAR.

JOINT STANDING COMMITTEES FOR 1883.

ACCOUNTS. — Aldermen Weld, Vinal; Councilmen Janvrin, Woodberry, Attwood.

BURIAL GROUNDS. — Aldermen Dargin, Roulstone; Councilmen Steele, Russell, Bennett.

CITY ENGINEERING. — Aldermen Durgin, Weld; Councilmen Steele, Bennett, Mayhew.

CLAIMS. — His Honor the Mayor, *ex-officio*; the President of the Council, *ex-officio*; Alderman Vinal; Councilmen Janvrin, Woodberry.

FINANCE. — His Honor the Mayor, *ex-officio*; the President of the Council, *ex-officio*; Aldermen Burns, Perry; Councilmen Smith, Blackwell, Fitch, Twycross.

FIRE DEPARTMENT. — Aldermen Roulstone, Davis ; Councilmen Stodder, Blackwell, Mayhew.

FUEL AND STREET LIGHTS. — Aldermen Vinal, Perry ; Councilmen Giles, Stodder, Russell.

HIGHWAYS. — Aldermen Durgin, Wellington ; Councilmen Steele, Smith, Russell.

LEGISLATIVE MATTERS. — His Honor the Mayor, *ex-officio* ; the President of the Council, *ex-officio* ; Alderman Vinal ; Councilmen Steele, Beals.

ORDINANCES. — Aldermen Burns, Perry ; Councilmen Smith, Attwood, Bennett.

PRINTING. — Aldermen Roulstone, Davis ; Councilmen Janvrin, Stodder, Attwood.

PUBLIC PROPERTY. — Aldermen Wellington, Burns ; Councilmen Beals, Richards, Giles.

SOLDIERS' RELIEF. — Aldermen Roulstone, Davis ; Councilmen Woodberry, Blackwell, Twycross.

WATER. — Aldermen Burns, Vinal ; the President of the Council ; Councilmen Richards, Beals.

STANDING COMMITTEES OF THE BOARD OF ALDERMEN.

BUILDING PERMITS. — Aldermen Durgin, Roulstone.

ELECTIONS. — Aldermen Davis, Weld.

ENROLLED ORDINANCES. — Aldermen Perry, Wellington.

LICENSES. — Aldermen Davis, Perry.

POLICE. — His Honor the Mayor, *ex-officio* ; Aldermen Vinal, Durgin.

SEWERS. — Aldermen Weld, Burns, Perry.

STATE AID. — Aldermen Roulstone, Weld, Wellington, Davis.

STANDING COMMITTEES OF THE COMMON COUNCIL.

ELECTIONS AND RETURNS. — Councilmen Fitch, Bennett, Mayhew.

ENROLLED ORDINANCES AND RESOLUTIONS. — Councilmen Beals, Twycross, Fitch.

SCHOOL COMMITTEE.

JOHN A. CUMMINGS, Mayor, Chairman, *ex-officio*.

FRANK E. FITTS, President of the Common Council, *ex-officio*.

WARD ONE.

HORACE C. WHITE, M. D.	.	.	.	Pinckney Street.
JOHN H. BUTLER	.	.	.	Pearl Street.
HENRY M. MOORE	.	.	.	Myrtle Street.

WARD TWO.

REV. A. E. WINSHIP	.	.	.	Warren Avenue.
OREN S. KNAPP	.	.	.	School Street.
REV. GEO. W.-DURELL	.	.	.	Summer Street.

WARD THREE.

Q. E. DICKERMAN	.	.	.	Central Street.
HENRY F. WOODS	.	.	.	Sycamore Street.
NORMAN W. BINGHAM	.	.	.	School Street.

WARD FOUR.

REV. C. M. SMITH, D. D.	.	.	.	Summer Street.
MISS HARRIET M. PITMAN	.	.	.	Summer Street.
PROF. BENJ. G. BROWN	.	.	.	Professors' Row.

Superintendent and Secretary, J. H. DAVIS, Myrtle Street.

PRINCIPAL ASSESSORS.

THOMAS CUNNINGHAM, <i>Chairman</i>	.	.	Oak Street.
STILLMAN H. LIBBY	.	.	Elm Street.
GEORGE W. HADLEY	.	.	Perkins Street.

ASSISTANT ASSESSORS.

DANIEL BROOKS, Ward One	.	.	Ellsworth Street.
BENJAMIN F. THOMPSON, Ward Two	.	.	Summit Avenue.
REUBEN A. MELVIN, Ward Three	.	.	Bonair Street.
WILLIAM A. MUZZEY, Ward Four	.	.	Newbury Street.

BOARD OF HEALTH.

GEORGE A. KIMBALL, <i>Chairman</i>	. . . . .	Office : City Hall.
GEORGE C. SKILTON	. . . . .	Walnut Street.
THOMAS M. DURELL, M. D.	. . . . .	Bow Street.
<i>Clerk</i> , GEORGE I. VINCENT.		Office, City Hall.
<i>Inspector</i> , WILLIAM H. BRINE,		40 Houghton St.

COMMISSIONERS OF THE SINKING FUNDS.

NATHAN TUFTS	. . . . .	Summer Street.
HENRY F. WOODS	. . . . .	Sycamore Street.
JOHN A. HUGHES	. . . . .	Perkins Street.
<i>Treasurer</i> , AARON SARGENT,		Broadway.

OVERSEERS OF THE POOR.

JOHN A. CUMMINGS, <i>Mayor, Chairman, ex-officio.</i>	
FRANK E. FITTS, <i>Prest. Common Council</i>	
ANSEL LEWIS	. . . . . Webster Street.
THOMAS CUNNINGHAM, <i>Secretary</i>	. . . . . Oak Street.
FRANK G. WILLIAMS	. . . . . Albion Street.

MYSTIC WATER BOARD.

J. ORLIN HAYDEN, <i>President</i>	. . . . .	Hill B'd'g, Union Sq.
AARON R. COOLIDGE	. . . . .	Columbus Avenue.
JAMES E. WHITAKER	. . . . .	Sycamore Street.
WALTER S. BARNES	. . . . .	Highland Avenue.
JOHN F. NICKERSON	. . . . .	Flint Street.
<i>Superintendent of Water Works</i> , NATHANIEL DENNETT,		Office, Prospect Street, cor. Somerville Avenue.

TRUSTEES OF THE PUBLIC LIBRARY.

REV. H. H. BARBER	Pleasant Avenue.
PROF. WILLIAM G. TOUSEY	Professors' Row.
WILLIAM VEAZIE	Walnut Street.
WILLIAM H. BRINE	Highland Avenue.
EDWIN S. CONANT	Pearl Street.
CHARLES S. LINCOLN	Laurel Street.
THOMAS J. BUFFUM	Florence Street.
J. HENRY FLITNER	Day Street.
CHRISTOPHER E. RYMES	Summer Street.

Librarian, MISS HARRIET A. ADAMS.

Assistant Librarian, MISS LIZZIE A. STEVENS.

MEETINGS.

BOARD OF ALDERMEN.

Second and fourth Wednesday evenings of each month.

COMMON COUNCIL.

Thursday evenings following the regular meetings of the Board
of Aldermen.

SCHOOL COMMITTEE.

Last Monday evening of each month.

CITY OFFICERS FOR 1883.

CITY CLERK AND CLERK OF BOARD OF ALDERMEN.

CHARLES E. GILMAN. Office, City Hall.

CITY TREASURER AND COLLECTOR OF TAXES.

JOHN F. COLE. Office, City Hall.

CITY MESSENGER.

JAIRUS MANN. Office, City Hall.

CITY SOLICITOR.

SAMUEL C. DARLING. Office, 18 Rogers Building, Boston.

CITY AUDITOR.

DOUGLAS FRAZAR. Office, City Hall.

CITY ENGINEER.

GEORGE A. KIMBALL. Office, City Hall.

SUPERINTENDENT OF STREETS.

JOHN P. PRICHARD, 10 Cutter Street. Office, City Hall.

CHIEF OF POLICE.

MELVILLE C. PARKHURST, Police Station, Bow Street.

CHIEF ENGINEER OF FIRE DEPARTMENT.

JAMES R. HOPKINS. Office, City Hall.

INSPECTOR OF BUILDINGS.

DAVID A. SANBORN, Prospect Street.

CITY PHYSICIAN.

THOMAS M. DURELL, M. D., 14 Bow Street.

CLERK OF ASSESSORS AND COMMITTEES.

GEORGE I. VINCENT. Office, City Hall.

ASSISTANT CLERK OF ASSESSORS AND COMMITTEES.

WILLIAM P. MITCHELL.

CONSTABLES.

JAIRUS MANN.	WM. H. BRINE (Houghton St.).
ROBERT R. PERRY.	WM. D. HAYDEN.
HORACE B. RUNEY.	FRANK G. WILLIAMS.
NEWELL F. CASWELL.	SAMUEL R. DOW.
CHAS. C. FOLSOM.	C. C. CAVANAGH.
JOSEPH J. GILES.	

FIELD DRIVERS.

CHAS. C. FOLSOM.	SAMUEL R. DOW.
JOHN E. FULLER.	HOWARD LOWELL.
P. W. SKINNER.	ALBION L. STAPLES.
JUDSON W. OLIVER.	MYRON H. KINSLEY.
ISAAC S. CAMPBELL.	

FENCE VIEWERS.

DAVID A. SANBORN.	WARREN POLLARD.	CHAS. D. ELLIOT.
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POUND KEEPER.

CHAS A. SMALL.

SEALER OF WEIGHTS AND MEASURES.

NOAH HARDING, Sycamore Street.

SURVEYORS OF WOOD, BARK, AND LUMBER.

ANSEL LEWIS.

SAMUEL T. LITTLEFIELD.

SURVEYOR OF STONE WORK.

JAMES R. HOPKINS.

SURVEYOR OF STONE, BRICK, AND PLASTER WORK.

ALFRED M. SIBLEY.

SURVEYOR OF MECHANICS' WORK.

CHAS. D. ELLIOT.

PUBLIC WEIGHERS.

D. W. DANFORTH.

PATRICK O'BRIEN.

UNDERTAKERS.

HORACE B. RUNEY.

A. L. SANBORN.

PATRICK RAFFERTY.

WM. A. FLAHERTY.

P. H. RAFFERTY.

H. D. RUNEY.

E. H. MARSH.

POLICE DEPARTMENT.

M. C. PARKHURST, *Chief.*

R. R. PERRY, *Captain.* S. R. DOW, *Sergeant.*

C. C. FOLSOM, *Sergeant.*

N. F. CASWELL.

P. W. SKINNER.

C. C. CAVANAGH.

S. A. BROWN.

S. C. ROLLINS.

JOHN HAFFORD.

JOHN E. FULLER.

IVAN LAIGHTON.

HOWARD LOWELL.

M. H. KINSLEY.

F. W. SLADE.

I. S. CAMPBELL.

A. L. STAPLES.

EDWARD MCGARR.

ALBERT FISK.

G. A. BODGE.

J. W. OLIVER.

DENNIS KELLY.

GEO. W. BEAN.

GEO. H. CARLETON.

M. C. PARKHURST, *Lock-up Keeper.*

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